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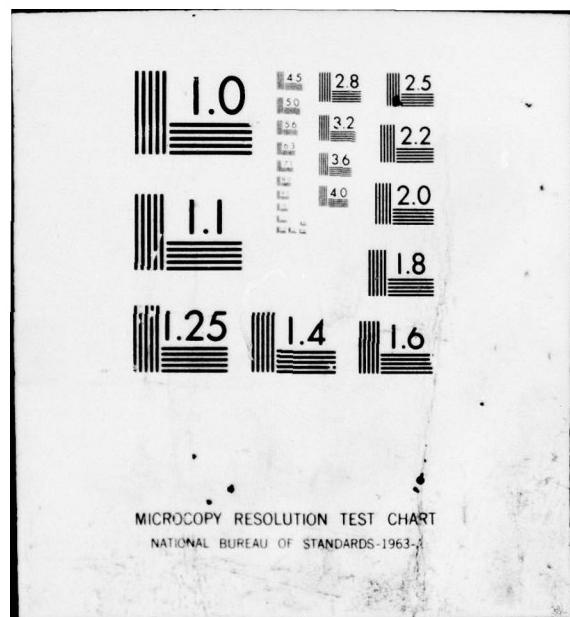
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NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

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Volume 2

Pacific

Southwest Region



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PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES
Volume 2: PACIFIC SOUTHWEST REGION

JULY 1979

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be superseded at some future date.

Conservative assumptions have been made in the screening and analysis process to avoid eliminating any potentially feasible sites. The current summary tables provide the best estimated to date, but to some degree, may overstate the actual capacity and energy which could be developed. The estimates for individual sites may be overstated for the following reasons:

- a. A reduction of net power head due to rising tailwater conditions during high flows was not compared.
- b. The analysis technique of maximum net benefits, using incomplete project costs, resulted in a low plant factor operation. This type of operation could require more reservoir storage than is available for regulating power flows; or could cause unacceptable fluctuations in the surface elevation of the reservoir or downstream flow.
- c. Computations ignored diversion of water for other uses, as well as losses due to evaporation.
- d. Turbines were assumed to be 100 percent efficient, and head losses through penstocks were not estimated.
- e. During periods of high flow, it was calculated that streamflow would pass through the turbines at the design discharge rate when in fact, during excessively high flows, the plant may be shut down because of high tailwater and reduced head.
- f. Summary tables include estimates of the potential capacity and energy at each site in the inventory. In some cases, individual projects may be site alternatives to others in the same general location, when only one can be considered for hydropower development.
- g. Detailed consideration of the social, economic, institutional and environmental constraints associated with hydropower development were not specifically included in the analysis.

All of the issues listed above will be addressed during future stages of the National Hydropower Study through the addition of more detailed site-specific information, and by refinements in the computer routines used in assessing the data.

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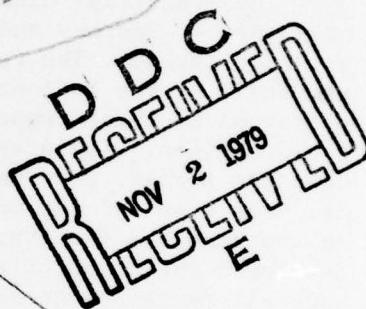
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U.S. ARMY CORPS OF ENGINEERS

⑥ NATIONAL HYDROELECTRIC POWER RESOURCES STUDY.



PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

VOLUME 2, PACIFIC SOUTHWEST REGION

⑪ JULY 1979

⑫ 139

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The manuscript herein was written and prepared by Dr. Wayne R. Sibley, Mr. James R. Hanchey and Mr. Darrell G. Nolton of the Corps' Institute for Water Resources. The text had the benefit of informal review and comment by the staff of the National Hydropower Study group at the Institute. The data presented in these reports were collected by the Corps' Division and District field offices. The presentation of these data, particularly the tables and computer format, were made possible through the concentrated efforts of Mr. Gary Franc of the Corps' Hydrologic Engineering Center (HEC) who, based on instructions from Mr. Jim Dalton of the Corps' Southwestern Division (SWD), developed the computer software to summarize the data from the inventory and made all necessary computer runs. HEC arranged for the printing of these reports and is responsible for their distribution.

Some of the major responsibilities associated with the National Hydropower Study were assigned to the Corps' Hydrologic Engineering Center, under the supervision of Mr. Bill S. Eichert, the Center's Director. HEC was assigned the tasks of developing the data management software, the editing and analysis programs required in the screening studies and in making the computer runs required in the screening process. Mr. Jim Dalton (SWD) was instrumental in formulating the computational techniques used and was assigned the responsibility of technical management. Mr. Dale R. Burnett was HEC's overall coordinator; Mr. Tom White and Mr. Orval Bruton of the Corps' North Pacific Division (NPD) developed the cost-estimating procedures; Messrs. Arthur Pabst and Mark Lewis (HEC) developed the file management software; and Ms. Marilyn Hurst (HEC) did most of HEC's computer production runs for the National Hydropower Study.

Grateful acknowledgements are extended to the support staff of IWR and HEC for their patience and endurance in the overall effort to complete these reports. In particular, Ms. Sharon Blake and Ms. Denise Henderson of IWR and Ms. Penni Baker of HEC should be recognized. Finally, since it is not possible, because of the scope of these reports, to mention all participants by name, acknowledgements are extended to all, especially the National Hydropower Study coordinators and other Division and District personnel who devoted many hours to the organization and data collection activities necessary to provide this preliminary inventory of hydroelectric power resources in the United States.

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PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

INTRODUCTION

Since completion of the world's first central hydroelectric generating facility at Appleton, Wisconsin in 1882, hydropower has played a major role in our nation's social and economic development. Although this first installation was comparatively small (providing only enough power to light 250 light bulbs), it had a large impact, and streams and rivers across the country were rapidly developed to generate electricity. Today, hydropower provides about 13 percent of the nation's total electric power with a conventional installed capacity of about 64,000 megawatts and an average annual energy generation of some 280 thousand gigawatt-hours.

Hydroelectric power development was rapid during the first half of the twentieth century, but by the mid-1960's many factors had combined to diminish its contribution to electrical utility systems. First, the most favorable sites were developed early, and the undeveloped potential simply did not look as attractive when compared to other available energy sources. Second, demand for electricity increased rapidly during the 50's and 60's, and even with the continued development of new sites, hydropower's "share of the load" steadily decreased. Finally, the low cost of fossil fuels and optimistic forecasts concerning nuclear technology and its public acceptability led many planners to believe that the nation's energy future was secure.

During the past decade, a number of interacting factors, including rising fuel prices, rapid escalation of the costs in constructing thermal generating facilities, and increased public concern over the safety of nuclear plants have prompted not only a search for new energy alternatives, but also a reexamination of previously ignored or discounted alternatives. Because of the immediate need to develop new sources of energy, planners at all levels of organization have significantly increased their efforts to assess the most feasible alternatives to meet present and future energy demands. Hydroelectric power development, particularly incremental or new capacity at existing facilities, could provide an important contribution to our nation's growing energy needs.

The U.S. Army Corps of Engineers is currently conducting a detailed assessment of the nation's hydroelectric resources as part of the National Hydroelectric Power Study authorized by Section 167 of the Water Resources Development Act of 1976 (P.L. 94-587). The study is designed to provide a current and comprehensive estimate of the potential for incremental or new generation at existing dams and other water resource projects, as well as for undeveloped sites in the United States. In addition, the study will address the demand for

hydroelectric power, and will investigate various related policy and technical considerations to determine the incentives, constraints and impacts of developing hydropower to meet a portion of our future energy demands. When complete in 1981, the effort will provide a more detailed evaluation of the nation's hydroelectric resources, and will serve as a framework for future planning and development of this important renewable energy source.

The National Hydropower Study addresses all conventional hydroelectric power potential at Federal and non-federal installations, and considers both large and small-scale dams and other water resource projects. The Corps of Engineers involvement in studying the nation's small-scale potential dates from President Carter's Energy Plan of 1977. This program specifically recognized the opportunity for redeveloping small-scale hydropower as an alternative source of energy and the President directed the Corps to produce summary estimates of the potential at existing small dams in the country.

The directive led to the Corps' preliminary 90-day hydropower study which was published in 1977¹. This study was the first to provide comprehensive estimates of the small-scale potential at existing dams and also identified key areas of the country where small-scale hydropower development could potentially reduce dependence on fossil fuels as a source of energy generation. It is important to note that these estimates were based largely on theoretical potentials calculated for the river basins in the United States and were not the product of site-specific investigations.

During the initial planning stages of the National Hydropower Study, the U.S. Department of Energy requested that a more detailed assessment be made of the nation's small-scale hydroelectric resources. Because of the wide public interest in this potentially valuable alternative energy resource, the small-scale assessment has been integrated into the overall National Hydropower Study and is included in this series of reports.

PURPOSE AND SCOPE

Site-specific information on the physical hydroelectric power potential is essential in determining the social, economic, institutional and environmental feasibility of developing this resource. Because of the immediate need for wide dissemination of state, regional and national hydropower data, the Corps' Institute for Water Resources has prepared

¹ R. J. McDonald, Estimate of National Hydroelectric Power Potential at Existing Sites, Institute for Water Resources, Ft. Belvoir, Virginia, July 1977.

this series of regional reports, Preliminary Inventory of Hydropower Resources. The inventory is the result of a comprehensive data collection effort conducted by the Corps of Engineers and is based on site-specific analysis and evaluation.

The purpose of these reports is to provide preliminary estimates of the existing and potentially feasible hydroelectric power resources in the United States, and to briefly evaluate their regional significance. The estimates of existing, incremental and undeveloped hydropower potential have been grouped in three categories which are based on megawatt (MW) capacity. These include small-scale (.05-15 MW); intermediate (15-25 MW); and large-scale (greater than 25 MW).

The reports have been organized into 6 volumes, each divided along regional boundaries of the United States (Figure 1). The regions have been arbitrarily selected, but each roughly approximates broad physical and cultural divisions of the country. They include:

- a. Pacific Northwest (Vol. 1)
- b. Pacific Southwest (Vol. 2)
- c. Mid-Continent (Vol. 3)
- d. Lake Central (Vol. 4)
- e. Southeast (Vol. 5)
- f. Northeast (Vol. 6)

Each volume of the Preliminary Inventory of Hydropower Resources contains a description of the methods of study, national and regional summary statistics, and a brief assessment of the resource potential. Appendix 1 of each volume contains individual state summary totals with the data grouped in various hydraulic head and capacity ranges, and an inventory of all potentially feasible sites in each state included in the appropriate region. The inventory includes site-specific geographic information, project purpose and ownership references, refined streamflow and hydraulic data, and the capacity and hydroelectric energy estimates. Appendix 2 of each volume is a brief description of the hydroelectric power terms used in the reports, and for further information, Appendix 3 contains a list of Corps of Engineers Division and District field offices.

METHODS OF STUDY

The preliminary inventory of potentially feasible hydropower resources includes an estimate of the capacity and energy available at both existing dams and undeveloped sites in the United States. The major source of data on existing hydropower facilities was the National Inventory of Dams developed by the Corps of Engineers as part of the National Dam Safety Program.² This inventory contains geographic,

²U.S. Army Corps of Engineers, National Program of Inspection of Dams, in 5 Volumes, Office of the Chief of Engineers, Washington, D. C., May 1975

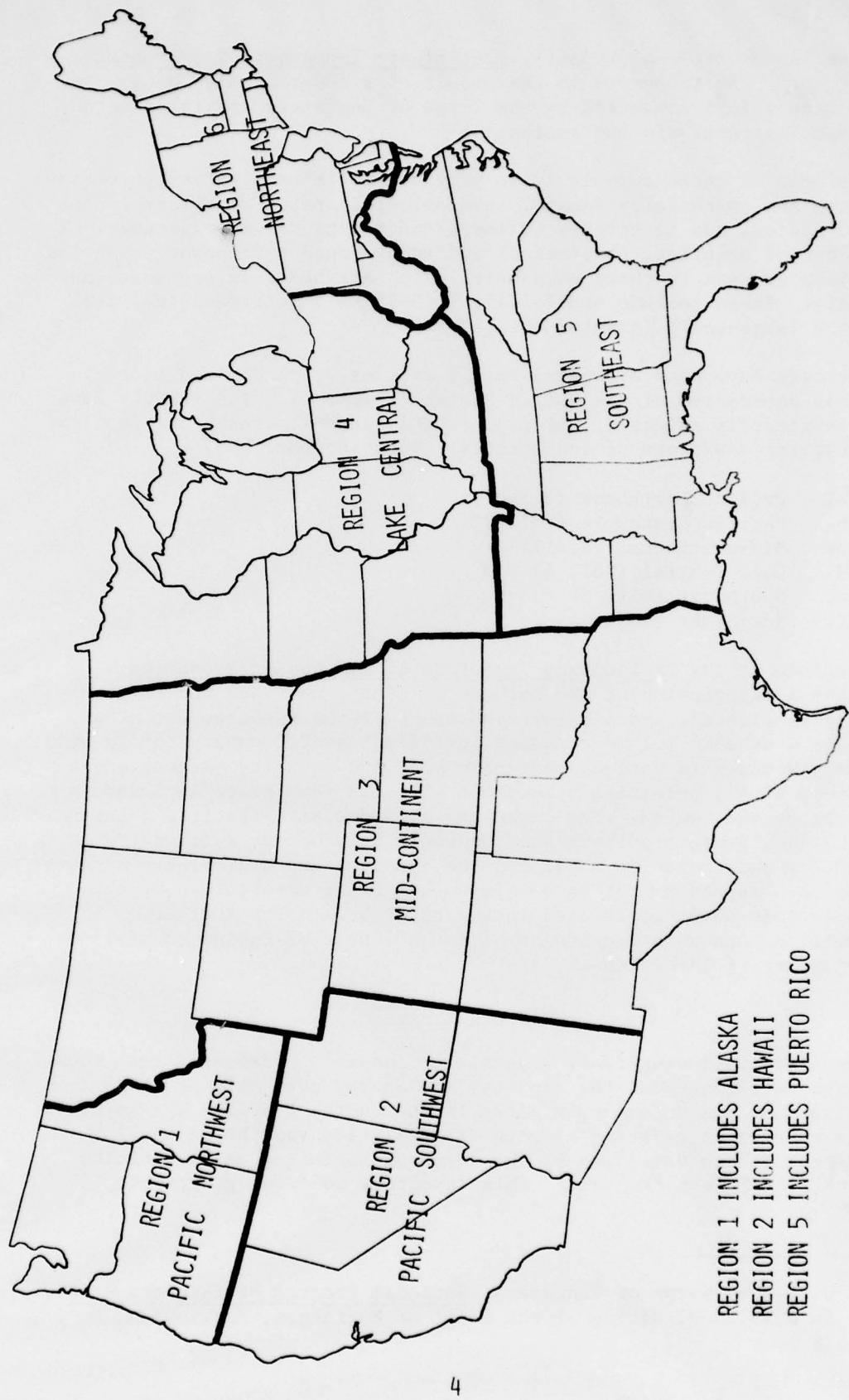


FIGURE 1: REGIONS AS DEFINED FOR THE PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

physical, and ownership data on approximately 50,000 dams in the nation. Identification and data collection on undeveloped sites was more limited since only about 5,000 sites had been identified or previously studied by the Corps of Engineers and other local, state and Federal water resource agencies. In addition, no attempt was made to include pumped storage sites in the inventory.

The data in the original national inventory of dams were supplemented as necessary to develop preliminary estimates of the hydroelectric power potential at each site. Computer routines which utilized head, storage and streamflow estimates were developed to compute the capacity and energy potential of each existing dam and undeveloped site. A screening routine was used to eliminate those sites without sufficient storage, head or streamflow to generate a significant amount of electrical energy. Generally, the existing dams and undeveloped site locations listed in the inventory are those with a capacity of 50 kilowatts or greater. In most cases, the current installed capacity at existing dams was derived from the nameplate capability. This initial screening procedure reduced the number of sites in the active inventory from approximately 55,000 to about 17,500.

During the second stage of the preliminary screening, additional physical data were collected for all sites remaining in the inventory. In particular, the supplemental data included the designation of a U.S. Geological Survey (U.S.G.S.) reference gaging station; a refined estimate of the available net power head; and an estimate of the drainage area associated with each site. Computer routines developed by the Hydrologic Engineering Center and the Corps' Southwestern Division were utilized with USGS streamflow data and drainage area measurements to produce a synthetic flow-duration curve at each site. Conventional flow-duration analysis was used to estimate the capacity and energy available at each site for a range of plant factors.

Generalized cost estimates were developed by the Corps' North Pacific Division to approximate the cost of turbines, generators, and other powerhouse costs associated with the representative capacity selected for each site in the inventory. Generalized regional power values, developed for the study by the Federal Energy Regulatory Commission (FERC), were used to provide a preliminary estimate of the value of the potential capacity and energy at each site. Each site was then sized at the capacity and energy which gave a maximum net benefit. A second screening, comparing the estimated powerhouse cost with the value of power to be produced, eliminated those sites which had doubtful economic feasibility. This screening process reduced the active inventory to approximately 11,000 sites which are contained in these regional reports.

The basic objective of the preliminary inventory and analysis procedures is to provide a comprehensive assessment of the undeveloped hydroelectric power potential in the United States and to determine

which sites merit more thorough investigation. Accordingly, conservative assumptions have been made in the screening and analysis process to avoid eliminating any potentially feasible sites. The current summary tables provide the best estimates to date, but to some degree, may overstate the actual capacity and energy which could be developed. The estimates for individual sites may be overstated for the following reasons:

- a. A reduction of net power head due to rising tailwater conditions during high flows was not computed.
- b. The analysis technique of maximum net benefits, using incomplete project cost resulted in a low plant factor operation. This type of operation could require more reservoir storage than is available for regulating power flows or could cause fluctuations in the surface elevation of the reservoir or downstream flow that would not be acceptable.
- c. Computations ignored diversion of water for other uses, as well as losses due to evaporation.
- d. Turbines were assumed to be 100 percent efficient, and head losses through penstocks were not estimated.
- e. During periods of high flow, it was calculated that streamflow would pass through the turbines at the design discharge rate when infact, during excessively high flows, the plant may be shut down because of high tailwater and reduced head.
- f. Summary tables include estimates of the potential capacity and energy at each site in the inventory. In some cases, individual projects may be site alternatives to others in the same general location, when only one can be considered for hydropower development.
- g. Detailed consideration of the social, economic, institutional and environmental constraints associated with hydropower development were not specifically included in the analysis.

All of the issues listed above will be addressed during future stages of the National Hydropower Study through the addition of more detailed site-specific information, and by refinements in the computer routines used in assessing the data.

RESOURCE ASSESSMENT

National Potential

Estimates of the existing, incremental and undeveloped conventional hydroelectric power potential for the various regions of the United States are presented in Table 1. The total physical resource for all regions is estimated to exceed 512,000 MW of capacity with an average annual energy generation greater than 1.4 million GWH. At the present time, the Corps has identified 1,251 existing hydropower facilities currently generating power with a total installed capacity of some 64,000 MW producing over 280,000 GWH of average annual energy. There are over 5,400 existing dams which have the potential for new incremental power development. Some of these are currently generating power, and full development of the incremental potential could yield an additional capacity of some 94,000 MW with an average annual energy generation exceeding 223,000 GWH. There are also some 4,500 potentially feasible, undeveloped sites which, if fully developed for hydropower, could produce another 354,000 MW with an estimated average annual energy greater than 935,000 GWH.

The distribution of the overall hydroelectric power resource in the nation is shown in Figure 2. The Pacific Northwest has the largest proportion of the nation's installed capacity and currently generates some 48 percent of the conventional hydroelectric energy produced in the United States. Other areas with a significant, but smaller proportion of the total installed capacity and energy generation include the Southeast, Northeast, and Pacific Southwest regions. Nearly all existing hydroelectric facilities and other water resource projects in the country have the capability for incremental energy generation with the Northeast, Lake Central and Pacific Northwest having a large share of this potential. The undeveloped hydroelectric resource is widely distributed, but appears greatest in the Pacific Northwest, Mid-Continent and Southeast regions, particularly at large-scale sites.

There are over 5,600 small-scale dams in the country which are either generating power, or have the potential for incremental development. The installed capacity at existing small-scale facilities is estimated to be some 3,000 MW with an average annual energy generation exceeding 15,000 GWH. These values represent about 5 percent of the nation's current installed hydroelectric capacity and energy generation. Approximately 5,400 MW of new incremental capacity could be installed at a large percentage of the existing small-scale dams for an estimated energy generation of about 17,000 GWH annually. In addition, some 2,600 potentially feasible, undeveloped sites have been identified which could provide an estimated capacity of 8,000 MW and more than 28,000 GWH of average annual energy generation.

As shown in Figure 3, the amount and regional distribution of the small-scale resource potential varies considerably, as these patterns closely reflect an interaction between climate, landforms and settlement

TABLE I. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES

REGION	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												REGIONAL SUMMARIES					
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			TOTAL		
	Exist	Incre	Total	Undev	Exist	Incre	Total	Undev	Exist	Incre	Total	Undev	Exist	Incre	Total	Undev	Total	
Vol. 1 Pacific N. West	93	282	745	1,120	13	36	208	5257	73	83	896	1,052	179	401	1,849	2,429		
No. of Sites	93	282	745	1,120	13	36	208	5,003	73	83	896	1,052	179	401	1,849	2,429		
Cap. (MW)	430	642	3,702	4,774	234	700	4,069	26,141	31,919	259,709	317,769	26,804	33,262	267,480	327,546			
Ener (GWH)	2,441	2,234	16,390	21,065	1,216	1,943	14,738	17,897	130,365	23,999	673,918	838,282	134,022	38,175	705,045	877,242		
Vol. 2 Pacific S. West	111	354	272	737	9	17	26	52	69	43	110	222	189	414	408	1,011		
No. of Sites	111	354	272	737	9	17	26	52	69	43	110	222	189	414	408	1,011		
Cap. (MW)	410	574	632	1,616	171	345	509	1,025	9,347	5,109	16,043	30,499	9,928	6,028	17,184	33,140		
Ener (GWH)	2,176	1,569	1,640	5,385	837	550	1,059	2,446	37,311	8,729	31,877	77,917	40,325	10,849	34,577	85,751		
Vol. 3 Mid-Continent	54	779	666	1,499	11	15	63	89	44	59	234	337	109	853	963	1,925		
No. of Sites	54	779	666	1,499	11	15	63	89	44	59	234	337	109	853	963	1,925		
Cap. (MW)	184	850	1,182	2,216	218	317	1,946	6,087	6,589	27,316	40,052	6,488	7,758	29,568	44,114			
Ener (GWH)	1,372	2,138	3,074	6,584	1,006	524	3,142	4,672	22,403	12,481	64,274	99,158	24,781	15,144	70,491	110,416		
Vol. 4 Lake Central	204	601	551	1,356	10	43	16	69	17	88	59	164	231	732	626	1,589		
No. of Sites	204	601	551	1,356	10	43	16	69	17	88	59	164	231	732	626	1,589		
Cap. (MW)	734	914	926	2,574	180	875	319	1,374	1,689	14,038	6,552	22,279	2,802	15,830	7,799	26,231		
Ener (GWH)	3,439	3,128	2,859	9,426	940	2,124	763	3,827	5,475	39,514	17,380	62,369	9,854	44,766	21,004	75,624		
Vol. 5 Southeast	110	566	265	941	19	29	54	102	98	87	146	331	227	682	465	1,374		
No. of Sites	110	566	265	941	19	29	54	102	98	87	146	331	227	682	465	1,374		
Cap. (MW)	285	704	1,077	2,066	360	559	1,114	2,033	11,182	11,758	20,969	43,909	11,827	13,021	23,160	48,008		
Ener (GWH)	1,000	2,189	3,349	6,538	1,105	1,185	2,863	5,153	36,409	21,466	67,460	125,335	38,514	24,840	73,572	137,026		

TABLE 1. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL SUMMARIES (CONTINUED)

REGION	EXISTING, ¹ POTENTIAL INCREMENTAL, ² AND UNDEVELOPED, ³ CAPACITY RANGES						TOTAL					
	Small-Scale (.05-15 MW)		Intermediate (15-25 MW)		Large-Scale (Greater Than 25 MW)		(All Sizes)		Exist		Total	
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Vol. 6*												
Northeast												
No. of Sites	270	2,231	143	2,644	19	26	20	65	27	85	58	170
Cap. (MW)	914	1,771	491	3,176	354	524	400	1,278	4,784	16,446	7,568	28,798
Ener (GWH)	4,620	6,009	1,531	12,160	1,613	1,533	938	4,084	26,276	81,898	28,610	136,784
NATIONAL												
TOTAL												
No. of Sites	842	4,813	2,642	8,297	81	166	387	634	328	445	1,503	2,276
Cap. (MW)	2,557	5,455	8,010	16,422	1,517	3,320	7,722	12,559	59,230	85,859	338,217	483,306
Ener (GWH)	15,048	17,267	28,843	61,158	6,717	7,859	23,503	38,079	258,239	198,087	883,519	1,339,845

¹Existing hydroelectric power facilities currently generating power.

²Existing dams and/or other water resource projects with the potential for new and/or additional hydroelectric capacity.

³Undeveloped sites where no dam or other engineering structure presently exists.

*Data on undeveloped sites in the New England states are not available (NA).

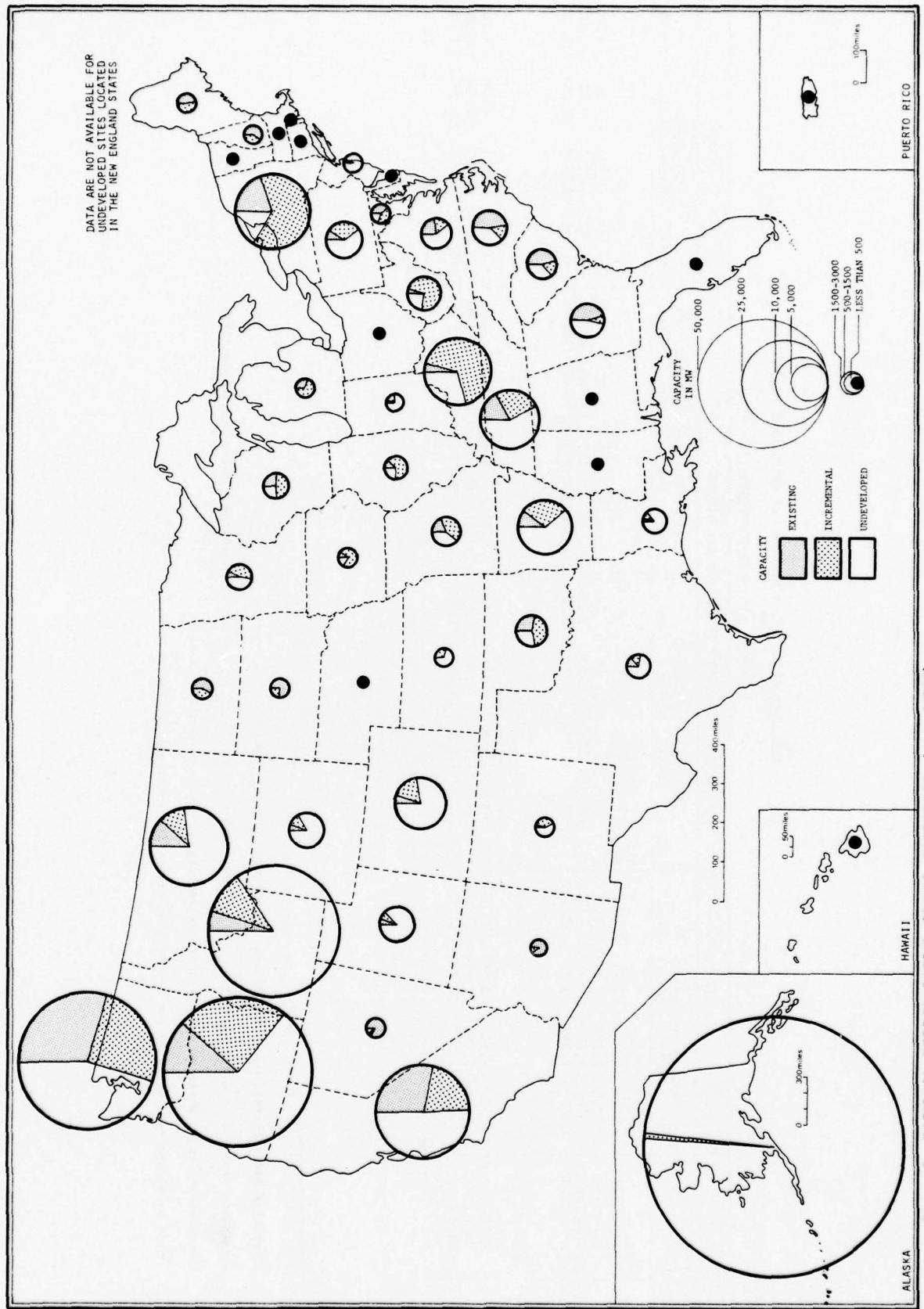


Figure 2: NATIONAL HYDROELECTRIC POWER RESOURCES. (ALL SITES)

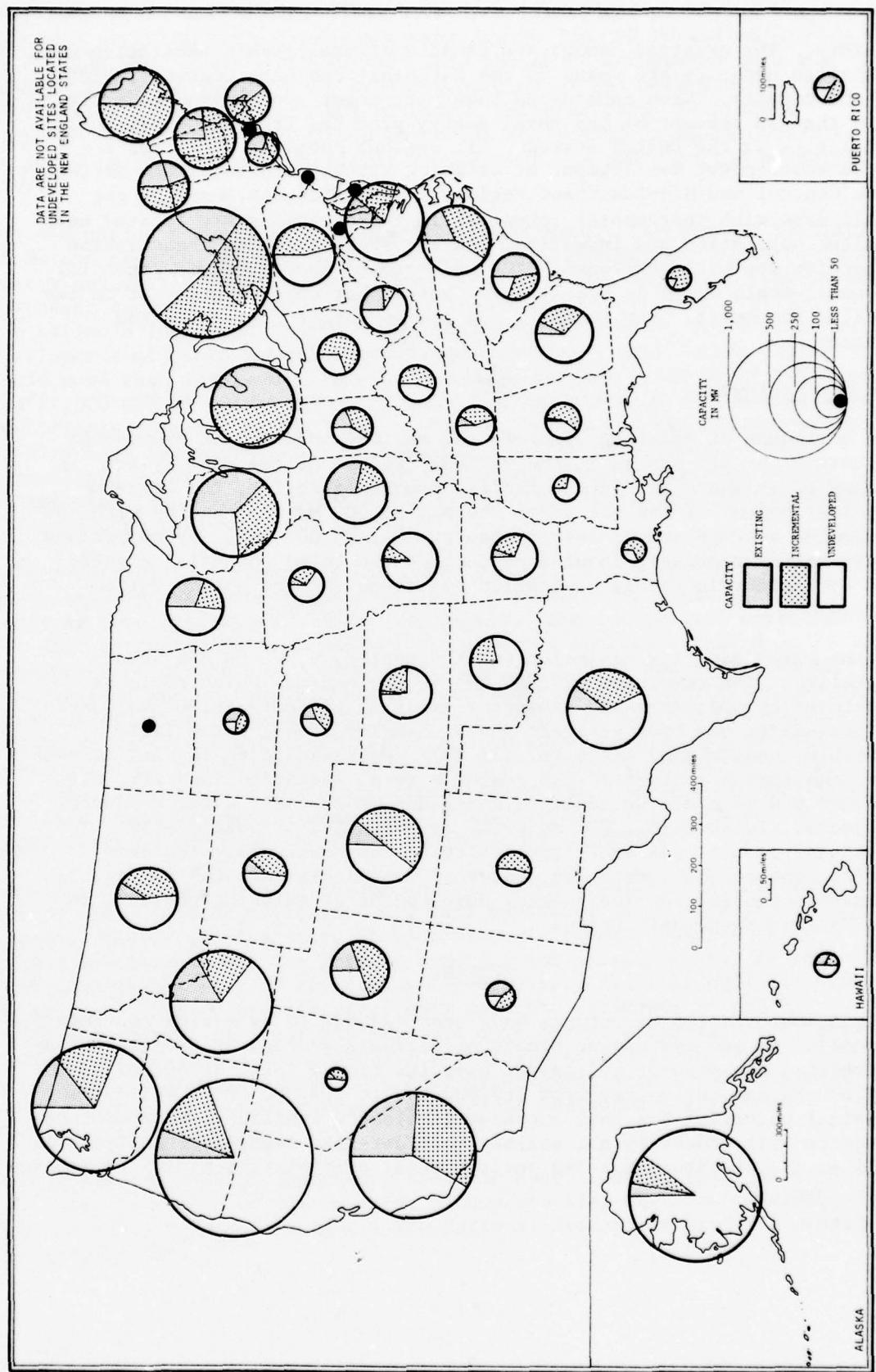


Figure 3: NATIONAL HYDROELECTRIC POWER RESOURCES. (SMALL-SCALE SITES)

history. The greatest number and density of small-scale facilities with installed capacity are found in the Northeast and Lake Central regions of the country. When considered together, these two regions generate more than 53 percent of the total energy produced from all small-scale facilities in the United States. All regions have the potential for incremental power development at existing sites, especially the Northeast, Lake Central and Mid-Continent regions. Significantly, many of the small dams with incremental potential in these regions are located near smaller population and industrial centers where existing transmission interties are well developed. The undeveloped hydroelectric potential at small-scale sites is widely distributed, but appears greatest in the Pacific Northwest, Lake Central, and the Northeast regions of the country.

Pacific Southwest

The estimates of existing, incremental and the undeveloped hydropower potential for all states in the various regions of the country are presented in Table 2. In the Pacific Southwest region, the maximum physical potential for all sites exceeds 33,000 MW of capacity with an estimated average annual energy greater than 85,000 GWH. By comparison, these values represent about 6 percent of the total potential capacity and hydroelectric energy generation estimated for the entire United States.

Of the total capacity estimated for the region, 9,900 MW has been installed. The remainder (23,200 MW) is the maximum which could be developed by upgrading and expanding existing projects (6,000 MW), and by installing new hydroelectric power capacity at all potentially feasible, undeveloped sites (17,200 MW). Small-scale facilities account for less than 4 percent of the region's total installed capacity, but another 600 MW could be added to these and other small water resource projects. In addition, 600 MW could be installed at potentially feasible, undeveloped small-scale sites. The small-scale resource varies considerably, with the states of California and Utah having the largest potential for incremental development at existing projects in the Pacific Southwest region.

SUMMARY

Over 5,400 existing structures have been identified as having the physical potential to add hydropower plants or increase hydropower output thereby increasing our present hydropower capacity from a total of 64,000 MW to 158,000 MW and our energy from 280,000 GWH to 503,000 GWH. While the physical potential for this increase is clearly available, some of these projects will undoubtedly not satisfy more detailed economical analysis as well as the institutional and environmental criteria which will be imposed upon them.

More than 4,500 undeveloped sites have been identified as having the physical potential to increase our capacity by 354,000 MW and our energy by 936,000 GWH. Many of these have less chance of acceptance than the modifications to the existing projects because of the more adverse environmental and institutional effects. Unfortunately, 47 percent (166,700 MW) of this undeveloped potential is located in Alaska where it would be economically difficult to transmit the power to the potential user.

For the nation's existing hydroelectric power sites, large-scale facilities, 25 MW and greater, account for approximately 92 percent of the capacity and energy generation, particularly those located in the Pacific Northwest and Southeast regions. Small-scale facilities account for about 5 percent of the nation's installed capacity and hydroelectric energy, but incremental development of other potentially feasible, existing small-scale projects could more than double this output by adding another 5,400 MW of capacity and 17,000 GWH of energy to the total. The distribution of the existing small-scale resource is extremely variable, but nearly all regions of the country have the potential for incremental energy development. The undeveloped potential for all sites and capacity ranges is also widely distributed, and appears greatest in the Pacific Northwest, Southeast and Mid-Continent regions of the country.

As stated earlier, these data are preliminary; the capacity and energy estimates represent the maximum physical hydroelectric potential which could be developed in each state and region. The incremental potential and that estimated for undeveloped sites do not include detailed consideration of the engineering, economic, financial and environmental constraints; nor do they include an assessment of the competitive use of water at existing impoundments, or consideration of the complex social, legal and institutional feasibility, all of which could preclude full development of the hydroelectric potential. Future investigations by the Corps of Engineers and other local, state and federal agencies will consider these factors in more detail, and further refine the actual feasibility of the most favorable sites in the inventory.

Publication of preliminary resource information involves the risk that errors and omissions may exist, and this inventory is no exception. At present, the Corps' inventory of hydroelectric power resources is an active screening tool; its primary function and widest utility is to present a viable list of existing and potentially feasible hydroelectric power sites, and to provide reasonably accurate estimates of the aggregate state, regional and national development potential. For this purpose, users of the inventory are encouraged to assist in the continuing refinement of the data base by bringing errors and omissions to the attention of the appropriate Corps of Engineers Division or District office.

For futher information concerning specific hydroelectric power sites in any state or region of the country, a complete list of Corps' Division and District representatives for the National Hydropower Study is provided in Appendix III.

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES

VOL 1: PACIFIC NORTHWEST

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES						TOTAL (All Sizes)						TOTAL						
	Small-Scale (< .05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			Exist			Incre Undev Total			Exist			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	
Alaska	16	27	184	227	1	6	53	60	2	5	190	197	19	38	427	484			
No. of Sites	37	86	1,053	1,176	15	120	1,014	1,149	77	212	164,709	164,998	129	418	166,775	167,322			
Cap. (MW)	146	362	4,754	5,262	41	309	4,158	4,508	333	626	432,995	433,954	520	1,297	441,907	443,724			
Ener (GWH)																			
Idaho	24	80	68	172	1	5	39	45	15	24	213	252	40	109	320	469			
No. of Sites	131	140	497	768	16	101	787	904	2,301	4,931	39,252	46,484	2,448	5,172	40,536	48,156			
Cap. (MW)	818	435	1,904	3,157	142	195	2,218	2,555	11,130	5,522	82,398	99,050	12,089	6,152	86,520	104,761			
Ener (GWH)																			
Oregon	30	96	388	514	9	18	66	93	21	16	253	290	60	130	707	897			
No. of Sites	105	231	1,390	1,726	157	349	1,291	1,797	6,591	13,609	34,771	54,971	6,853	14,190	37,453	58,496			
Cap. (MW)	630	751	6,426	7,807	841	993	4,770	6,604	35,404	8,352	90,039	133,795	36,875	10,095	101,235	148,205			
Ener (GWH)																			
Washington	23	79	105	207	2	7	50	59	35	13,167	20,977	51,316	17,374	13,482	22,716	53,572			
No. of Sites	157	185	762	1,104	46	130	977	1,153	17,172	83,498	19,499	68,486	171,483	84,538	20,631	75,383	180,552		
Cap. (MW)	847	686	3,306	4,839	192	446	3,592	4,230											
Ener (GWH)																			
Region Total																			
No. of Sites	93	282	745	1,120	13	36	208	257	73	83	896	1,052	135	401	1,849	2,429			
Cap. (MW)	410	642	3,702	4,774	234	700	4,069	5,003	26,141	31,919	259,709	317,769	26,804	33,262	267,480	327,546			
Ener (GWH)	2,441	2,234	16,390	21,065	1,216	1,943	14,738	17,897	130,365	133,999	673,918	838,282	134,022	38,175	705,045	877,242			

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES

VOL 2: PACIFIC SOUTHWEST

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES						Large-Scale (Greater Than 25 MW)						TOTAL (All Sizes)				
	Small-Scale (.05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			Exist		Incre		Undev		Total	
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Total	Exist	Incre	Total	Exist	Incre	Total
Arizona	4	27	37	68	0	0	0	0	5	3	0	8	9	30	37	76	
No. of Sites	32	34	13	79	0	0	0	0	1,374	122	0	1,496	1,406	156	13	1,575	
Cap. (MW)	105	134	19	258	0	0	0	0	5,959	261	0	6,220	6,064	395	19	6,478	
Ener (GWH)																	
California	50	216	185	451	9	12	20	41	61	38	90	189	120	266	295	681	
No. of Sites	298	365	474	1,137	171	242	387	800	7,167	4,840	12,192	24,199	7,636	5,447	13,053	26,136	
Cap. (MW)					837	342	789	1,668	28,621	8,321	22,993	60,035	31,106	9,753	25,009	65,168	
Ener (GWH)	1,647	990	1,227	3,864													
Hawaii	14	11	7	32	0	1	0	1	0	0	0	0	0	14	12	7	
No. of Sites	19	12	30	61	0	19	0	19	0	0	0	0	0	19	31	30	
Cap. (MW)					205	0	39	0	39	0	0	0	0	102	65	77	
Ener (GWH)	102	26	77	205													
Nevada	5	21	19	45	0	1	2	3	1	0	0	0	1	6	22	21	
No. of Sites	9	28	34	71	0	18	40	58	668	0	0	0	668	677	46	74	
Cap. (MW)					220	0	26	116	142	2,056	0	0	2,056	2,124	82	213	
Ener (GWH)	68	55	97	220													
Utah	38	79	24	141	0	3	4	7	2	2	20	24	40	84	48	172	
No. of Sites	52	135	81	268	0	66	82	148	138	147	3,851	4,136	190	348	4,014	4,552	
Cap. (MW)					220	838	0	143	154	297	675	47	8,884	9,606	929	554	
Ener (GWH)	254	364	220	838													
Region Total	111	354	272	737	9	17	26	52	69	43	110	222	189	414	408	1,011	
No. of Sites	410	574	632	1,616	171	345	509	1,025	9,347	5,109	16,043	30,499	9,928	6,028	17,184	33,140	
Cap. (MW)					837	550	1,059	2,446	37,311	8,729	31,877	77,917	40,325	10,849	34,577	85,751	
Ener (GWH)	2,176	1,569	1,640	5,385													

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL. 3: MID-CONTINENT

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			Exist		(All Sizes)				
	Exist	Incre	Total	Exist	Incre	Total	Exist	Incre	Total	Exist	Incre	Exist	Incre	Total	Exist	Total
Colorado																
No. of Sites	10	167	53	230	1	2	19	22	5	4	79	88	16	173	151	340
Cap. (MW)	49	229	177	455	22	39	419	480	330	1,325	6,477	8,132	401	1,593	7,072	9,066
Ener (GWH)	275	660	423	1,358	70	79	889	1,038	1,264	2,644	13,515	17,423	1,609	3,383	14,827	19,819
Kansas																
No. of Sites	1	64	184	249	0	1	0	1	0	0	141	296	9	1	68	190
Cap. (MW)	2	61	183	246	0	18	0	18	0	0	508	737	2	220	480	702
Ener (GWH)	10	117	382	509	0	38	0	38	0	229			10	384	890	1,284
Montana																
No. of Sites	7	69	43	119	1	2	10	13	12	17	81	110	20	88	134	242
Cap. (MW)	29	140	176	345	17	43	189	249	2,372	2,148	14,948	19,468	2,418	2,332	15,313	20,063
Ener (GWH)	642	350	500	1,492	111	83	528	722	8,969	4,761	38,321	52,051	9,722	5,195	39,348	54,265
Nebraska																
No. of Sites	11	39	19	69	3	1	4	8	2	1	0	3	16	41	23	80
Cap. (MW)	16	37	30	83	54	21	82	157	66	37	0	103	136	94	112	342
Ener (GWH)	50	121	139	310	300	43	320	663	216	160	0	376	566	323	459	1,348
New Mexico																
No. of Sites	10	26	44	70	1	1	0	2	0	4	3	7	1	31	47	79
Cap. (MW)	0	55	46	101	24	0	48	0	207	359	566	24	286	404	714	
Ener (GWH)	0	144	120	264	96	49	0	145	0	469	1,101	1,570	96	662	1,221	1,979
N. Dakota																
No. of Sites	0	44	2	46	0	0	0	0	1	1	0	2	1	45	2	48
Cap. (MW)	0	21	10	31	0	0	0	0	430	303	0	733	430	324	10	764
Ener (GWH)	0	45	18	63	0	0	0	0	2,400	568	0	2,968	2,400	612	18	3,030

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL. 3: MID-CONTINENT (CONTINUED)

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES						TOTAL					
	Small-Scale (.05-15 MW)		Intermediate (15-25 MW)		Large-Scale (Greater Than 25 MW)		(All Sizes)		Exist		Total	
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Total	
Oklahoma												
No. of Sites	0	98	170	268	0	4	6	11	13	12	36	11
Cap. (MW)	0	49	178	227	0	87	44	131	1,494	797	3,320	1,029
Ener (GWH)	0	86	346	432	0	133	77	210	2,350	1,991	5,611	2,350
S. Dakota												
No. of Sites	8	23	4	35	0	0	0	0	4	3	1	8
Cap. (MW)	17	22	12	51	0	0	0	0	1,483	397	25	1,905
Ener (GWH)	69	65	33	167	0	0	0	0	6,056	832	38	6,926
Texas												
No. of Sites	9	196	129	334	2	1	8	11	5	4	22	12
Cap. (MW)	52	165	288	505	45	22	167	234	225	185	1,420	1,500
Ener (GWH)	212	372	854	1,438	149	7	457	613	542	240	3,149	3,931
Wyoming												
No. of Sites	8	53	18	79	3	3	20	26	4	9	30	43
Cap. (MW)	19	71	82	172	56	63	410	529	152	352	3,054	3,558
Ener (GWH)	114	178	259	551	280	92	871	1,243	606	587	6,372	7,565
Region Total												
No. of Sites	54	779	666	1,499	11	15	63	89	44	59	234	109
Cap. (MW)	184	850	1,182	2,216	218	317	1,311	1,846	6,087	6,589	27,376	40,052
Ener (GWH)	1,372	2,138	3,074	6,584	1,006	524	3,142	4,672	22,403	12,481	64,274	99,158

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL. 4: LAKE CENTRAL

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL, ² AND UNDEVELOPED, ³ CAPACITY RANGES						TOTAL					
	Small-Scale (.05-15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			(All Sizes)		
	Exist	Incre	Total	Exist	Incre	Total	Exist	Incre	Total	Exist	Incre	Total
Illinois												
No. of Sites	16	39	230	285	0	8	0	8	10	17	54	232
Cap. (MW)	100	52	169	321	0	145	0	145	132	730	259	1121
Ener (GWH)	569	109	411	1,089	0	347	0	347	1943	584	2,206	589
Indiana												
No. of Sites	4	30	45	79	0	2	0	2	3	4	32	48
Cap. (MW)	28	58	61	147	0	37	0	37	383	28	96	444
Ener (GWH)	98	189	162	449	0	90	0	90	816	98	279	978
Iowa												
No. of Sites	3	25	37	65	0	1	0	1	12	3	16	40
Cap. (MW)	7	28	67	102	0	21	0	21	128	1,068	1,386	1,117
Ener (GWH)	36	81	200	317	0	39	0	39	805	3,468	4,681	3,588
Kentucky												
No. of Sites	0	52	23	75	0	2	0	2	4	30	44	84
Cap. (MW)	0	64	51	115	0	48	0	48	636	9,159	13,780	636
Ener (GWH)	0	183	121	304	0	88	0	88	2,259	24,547	38,503	2,259
Michigan												
No. of Sites	86	136	0	222	3	6	0	9	3	4	4	33
Cap. (MW)	283	303	0	586	52	121	0	173	151	709	0	146
Ener (GWH)	1,145	1,238	0	2,383	312	399	0	711	438	2,735	0	92
Minnesota												
No. of Sites	18	97	45	160	0	5	6	11	1	12	17	19
Cap. (MW)	91	63	146	300	0	100	125	225	67	825	1,647	158
Ener (GWH)	536	191	492	1,219	0	288	314	602	318	1,868	1,602	854

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL. 4: LAKE CENTRAL (Continued)

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES						TOTAL					
	Small-Scale (.05-15 MW)		Intermediate (15-25 MW)		Large-Scale (Greater Than 25 MW)		(All Sizes)		Exist		Total	
	Exist	Incre	Exist	Incre	Total	Exist	Incre	Total	Exist	Incre	Total	
Missouri												
No. of Sites	2	31	93	126	1	2	8	11	4	17	30	7
Cap. (MW)	5	22	227	254	16	45	154	215	577	1,301	868	598
Ener (GWH)	17	61	643	721	94	88	357	539	1,272	4,154	1,739	1,383
Ohio												
No. of Sites	0	68	18	86	0	7	0	7	0	1	3	0
Cap. (MW)	0	105	47	152	0	153	0	153	0	43	99	0
Ener (GWH)	0	308	131	439	0	323	0	323	0	134	70	204
Wisconsin												
No. of Sites	75	123	60	258	6	10	2	18	3	12	21	84
Cap. (MW)	220	219	158	597	112	205	40	357	98	387	239	429
Ener (GWH)	1,038	768	699	2,505	534	462	92	1,088	368	858	870	1,940
Region Total												
No. of Sites	204	601	551	1,356	10	43	16	69	17	88	164	231
Cap. (MW)	734	914	926	2,574	180	875	319	1,374	1,689	14,038	6,552	2,279
Ener (GWH)	3,439	3,128	2,859	9,426	940	2,124	763	3,827	5,475	39,514	17,380	62,37

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL. 5: SOUTHEAST

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES						TOTAL									
	Small-Scale (.05-.15 MW)			Intermediate (15-25 MW)			Large-Scale (Greater Than 25 MW)			(All Sizes)						
	Exist	Incre	Total	Exist	Tacre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	
Alabama																
No. of Sites	1	52	8	61	0	2	5	7	15	8	42	16	73	21	110	
Cap. (MW)	2	70	49	121	0	41	108	149	2,269	4,010	6,703	2,271	4,121	581	6,973	
Ener. (GWH)	6	190	137	333	0	91	244	335	9,710	7,141	9,846	9,716	7,422	1,376	18,514	
Arkansas																
No. of Sites	1	89	50	140	0	3	11	14	10	13	40	11	105	78	194	
Cap. (MW)	11	51	143	205	0	67	218	285	1,069	2,768	5,874	9,711	1,080	2,886	6,235	10,201
Ener. (GWH)	43	145	412	600	0	105	293	498	2,756	5,239	19,824	27,819	2,799	5,469	20,629	28,917
Florida																
No. of Sites	1	17	2	20	0	0	1	1	1	0	1	2	17	3	22	
Cap. (MW)	0	45	10	55	0	0	20	20	30	0	0	30	45	30	105	
Ener. (GWH)	0	151	30	181	0	0	66	66	232	0	0	232	232	151	96	479
Georgia																
No. of Sites	5	61	31	97	6	1	9	16	15	6	33	54	26	68	73	167
Cap. (MW)	20	79	182	281	106	23	188	317	1,924	304	1,690	3,918	2,050	406	2,060	4,516
Ener. (GWH)	87	316	538	941	311	52	918	881	3,825	501	4,892	9,218	4,223	869	5,948	11,040
Louisiana																
No. of Sites	0	19	5	24	0	0	0	0	1	4	6	11	1	23	11	35
Cap. (MW)	0	38	17	55	0	0	0	0	81	253	2,336	2,670	81	291	2,353	2,725
Ener. (GWH)	0	110	55	165	0	0	0	0	215	618	7,141	7,974	215	728	7,196	8,139
Mississippi																
No. of Sites	0	50	38	88	0	1	1	2	0	2	1	3	0	53	40	93
Cap. (MW)	0	20	51	71	0	16	23	39	0	97	45	142	0	133	119	252
Ener. (GWH)	0	71	137	208	0	65	54	119	0	192	87	279	0	328	278	606

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 5: SOUTHEAST (Continued)

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES						TOTAL					
	Small-Scale (.05-15 MW)		Intermediate (15-25 MW)		Large-Scale (Greater Than 25 MW)		(All Sizes)		Exist		Total	
	Exist	Incre	Exist	Incre	Total	Exist	Incre	Total	Exist	Incre	Total	
North												
Carolina	53	117	28	198	5	12	22	9	22	49	1,937	131
No. of Sites	53	117	28	198	5	12	22	9	22	49	1,937	131
Cap. (MW)	72	162	160	394	103	259	448	405	1,134	3,301	6,602	1,633
Ener (GWH)	429	546	546	1,223	396	244	744	5,958	760	3,387	10,105	4,677
Puerto Rico												
No. of Sites	5	10	6	21	2	3	0	5	0	0	0	7
Cap. (MW)	28	37	13	78	36	55	0	91	0	0	0	64
Ener (GWH)	64	48	63	175	54	78	0	132	0	0	0	118
South Carolina												
No. of Sites	29	49	5	83	4	3	4	11	10	13	36	43
Cap. (MW)	88	61	34	183	76	54	80	210	1,368	513	2,942	1,532
Ener (GWH)	390	354	130	874	233	145	280	658	2,117	1,201	3,093	6,411
Tennessee												
No. of Sites	1	31	9	41	2	4	2	8	24	14	61	27
Cap. (MW)	11	47	70	128	39	80	45	164	2,046	3,142	12,337	2,096
Ener (GWH)	33	57	207	297	111	56	145	312	11,064	5,113	25,004	41,181
Virginia												
No. of Sites	14	71	83	168	0	7	9	16	4	7	23	34
Cap. (MW)	53	94	348	495	0	137	173	310	633	266	1,256	2,155
Ener (GWH)	129	318	1,094	1,541	0	349	419	768	532	701	3,037	4,270
Region Total												
No. of Sites	110	566	265	941	19	29	54	102	98	87	146	331
Cap. (MW)	285	704	1,077	2,066	360	559	1,114	2,033	11,182	11,758	20,969	43,909
Ener (GWH)	1,000	2,189	3,349	6,538	1,105	1,185	2,863	5,153	36,409	21,466	67,460	125,335

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL. 6: NORTHEAST

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL, ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Connecticut*	13	205	NA	218	0	0	NA	0	2	0	NA	2	15	205	NA	220
No. of Sites	36	88	NA	124	0	0	NA	0	68	0	NA	68	103	88	NA	191
Cap. (MW)	156	308	NA	464	0	0	NA	0	216	0	NA	216	372	308	NA	680
Ener (GWH)																
Delaware	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2
No. of Sites	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2
Cap. (MW)	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2
Ener (GWH)	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	6
Maine*																
No. of Sites	33	469	NA	502	3	1	NA	4	2	NA	NA	4	38	472	NA	510
Cap. (MW)	147	284	NA	431	58	20	NA	78	148	64	NA	212	354	369	NA	723
Ener (GWH)	881	992	NA	1,873	388	67	NA	435	507	226	NA	733	1,776	1,285	NA	3,061
Maryland	2	15	7	24	0	1	0	1	1	4	2	NA	232	1,202	NA	252
No. of Sites	18	20	40	60	0	19	0	19	474	496	NA	1,733	476	532	NA	1,260
Cap. (MW)	50	58	122	122	0	41	0	41	1,719	650	550	2,919	1,733	741	608	3,082
Ener (GWH)	313	403	NA	716	176	0	NA	176	154	0	NA	154	643	403	NA	1,045
Massachusetts*	23	301	NA	324	2	0	NA	2	4	0	NA	4	29	301	NA	330
No. of Sites	73	115	NA	188	33	0	NA	33	131	0	NA	131	237	115	NA	352
Cap. (MW)	403	403	NA	716	176	0	NA	176	154	0	NA	154	643	403	NA	1,045
Ener (GWH)																
New Hampshire*	24	541	NA	565	2	1	NA	3	2	0	NA	2	28	542	NA	570
No. of Sites	74	238	NA	312	31	23	NA	54	281	0	NA	281	386	261	NA	647
Cap. (MW)	359	836	NA	1,195	180	82	NA	262	558	0	NA	558	1,097	918	NA	2,015
Ener (GWH)																
New Jersey	2	36	0	38	0	1	0	1	0	0	NA	647	647	6	37	44
No. of Sites	6	21	0	27	0	23	0	23	0	0	NA	1,821	1,821	18	40	647
Cap. (MW)	18	58	0	76	0	56	0	56	0	0	NA	1,821	1,821	18	114	693
Ener (GWH)																1,953

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL. 6: NORTHEAST (CONTINUED)

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES						TOTAL			
	Small-Scale (.05-15 MW)		Intermediate (15-25 MW)		Large-Scale (Greater Than 25 MW)		Exist	Incre	(All Sizes)	Total
	Exist	Incre	Total	Exist	Incre	Total	Exist	Incre	Undev	Total
New York	123	251	43	417	11	11	37	9	40	60
No. of Sites	422	657	148	1,227	216	309	751	3,103	11,491	17,348
Cap. (MW)	2,155	2,250	539	4,944	799	976	563	2,338	20,581	70,227
Ener (GWH)									108,019	23,535
Pennsylvania	0	138	58	196	0	6	4	10	4	49
No. of Sites	0	158	189	347	0	107	79	186	4,466	4,977
Cap. (MW)	0	452	567	1,019	0	252	170	422	3,618	6,969
Ener (GWH)	0								12,268	1,681
Rhode Island*	2	105	NA	107	0	0	NA	0	0	NA
No. of Sites	2	40	NA	42	0	0	NA	0	0	NA
Cap. (MW)	2	139	NA	145	0	0	NA	0	0	NA
Ener (GWH)	6									NA
Vermont*	44	155	NA	199	1	0	NA	1	2	NA
No. of Sites	106	134	NA	240	16	0	NA	16	74	NA
Cap. (MW)	436	472	NA	908	70	0	NA	70	317	NA
Ener (GWH)									NA	317
W. Virginia	4	15	33	52	0	1	5	6	1	20
No. of Sites	46	18	132	196	0	23	95	118	102	2,929
Cap. (MW)	282	49	361	692	0	59	205	264	543	7,177
Ener (GWH)										2,059
Region Total	270	2,231	143	2,644	19	26	20	65	27	85
No. of Sites	914	1,771	491	3,176	354	524	400	1,278	4,784	16,446
Cap. (MW)	4,620	6,009	1,531	12,160	1,613	1,533	938	4,084	26,276	81,898
Ener (GWH)										136,784

¹Existing hydroelectric power facilities currently generating power.

²Existing dams and/or other water resource projects with the potential for new and/or additional hydroelectric capacity.

³Undeveloped sites where no dam or other engineering structure presently exists.

*Data on undeveloped sites in the New England states are not available (NA).

APPENDIX I
U.S. ARMY CORPS OF ENGINEERS
SUMMARY SHEET AND SITE SPECIFIC
LISTING OF HYDROELECTRIC POWER RESOURCES
BY STATE AND COUNTY
Arizona, California, Hawaii, Nevada and Utah

STATE OF ARIZONA

PHYSICAL POTENTIAL FOR ADDITIONAL
HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT
IN THE STATE OF ARIZONA

POTENTIAL INCREMENTAL CAPACITY MANGES											
	H	C H	H	A U T H A	H	E D	A U T A	H	G		
	E	E	E	M O	E	F A	N A L D	E I	F E I		
1	L A N	0	15	M W	15	M W	-	G	G		
2	N A L D	*	0.5	M W	0.5	M W	-	G	G		
3	F A T S	*	0	M W	0	M W	-	G	G		
4	E I G	*	0	M W	0	M W	-	G	G		
5	E V I H	*	EXISTS	UNEV	TOTAL	EXIST	UNEV	TOTAL	EXIST	UNEV	TOTAL
6	E V I H	*	INST	INST	INST	INST	INST	INST	INST	INST	INST
7	E N H	*	INCH	POTEN	INCH	POTEN	INCH	POTEN	INCH	POTEN	INCH
8	E N H	*	1 C A P	2 C A P	3 C A P	4 C A P	1 C A P	2 C A P	3 C A P	4 C A P	4 C A P
9	NUMBER	*	*	*	*	*	*	*	*	*	
10	*CAPCTY*	0*	2*	0*	2**	0*	0*	0*	1*	0*	
11	*CAPCTY*	0.0*	0.5*	0.0*	0.5**	0.0*	0.0*	0.0*	0.0*	0.0*	
12	*ENERGY*	0.0*	0.5*	0.0*	0.5**	0.0*	0.0*	0.0*	0.0*	0.0*	
13	NUMBER	*	*	*	*	*	*	*	*	*	
14	*CAPCTY*	0.0*	7*	3*	10*	0*	0*	0*	0*	0*	
15	*ENERGY*	0.0*	0.5*	0.0*	0.5**	0.0*	0.0*	0.0*	0.0*	0.0*	
16	NUMBER	*	*	*	*	*	*	*	*	*	
17	*CAPCTY*	0.0*	0.5*	1.4*	2.4*	0*	0*	0*	0*	0*	
18	*ENERGY*	0.0*	0.5*	1.4*	2.4*	0*	0*	0*	0*	0*	
19	NUMBER	*	*	*	*	*	*	*	*	*	
20	*CAPCTY*	0.0*	7*	3*	10*	0*	0*	0*	0*	0*	
21	*ENERGY*	0.0*	2.4*	0.6*	3.0**	0.0*	0.0*	0.0*	0.0*	0.0*	
22	NUMBER	*	*	*	*	*	*	*	*	*	
23	*CAPCTY*	1*	12*	20*	52*	0*	0*	0*	1*	0*	
24	*ENERGY*	10.3*	3.3*	4.0*	6.1*	0.0*	0.0*	0.0*	12.0*	4.30*	
25	NUMBER	*	*	*	*	*	*	*	*	*	
26	*CAPCTY*	10.3*	3.3*	4.0*	6.1*	0.0*	0.0*	0.0*	43.0*	13.0*	
27	*ENERGY*	43.0*	4.7*	6.7*	13.5*	0.0*	0.0*	0.0*	66.0*	31.0*	
28	NUMBER	*	*	*	*	*	*	*	*	*	
29	*CAPCTY*	52*	6*	14*	20*	0*	0*	0*	1254*	34.0*	
30	*ENERGY*	214*	26.9*	7.4*	36.5*	0.0*	0.0*	0.0*	5299*	36.1*	
31	NUMBER	*	*	*	*	*	*	*	*	*	
32	*CAPCTY*	62.4*	12*	9.7*	13.6*	0.0*	0.0*	0.0*	36.1*	5362*	
33	*ENERGY*	62.4*	12*	9.7*	13.6*	0.0*	0.0*	0.0*	36.1*	5362*	
34	NUMBER	*	*	*	*	*	*	*	*	*	
35	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
36	*ENERGY*	52.0*	33.4*	12.7*	46.5*	0.0*	0.0*	0.0*	1374*	122*	
37	NUMBER	*	*	*	*	*	*	*	*	*	
38	*CAPCTY*	105*	134*	19.1*	153*	0.0*	0.0*	0.0*	5959*	261*	
39	*ENERGY*	105*	134*	19.1*	153*	0.0*	0.0*	0.0*	6064*	395*	
40	NUMBER	*	*	*	*	*	*	*	*	*	
41	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
42	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
43	NUMBER	*	*	*	*	*	*	*	*	*	
44	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
45	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
46	NUMBER	*	*	*	*	*	*	*	*	*	
47	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
48	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
49	NUMBER	*	*	*	*	*	*	*	*	*	
50	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
51	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
52	NUMBER	*	*	*	*	*	*	*	*	*	
53	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
54	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
55	NUMBER	*	*	*	*	*	*	*	*	*	
56	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
57	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
58	NUMBER	*	*	*	*	*	*	*	*	*	
59	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
60	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
61	NUMBER	*	*	*	*	*	*	*	*	*	
62	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
63	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
64	NUMBER	*	*	*	*	*	*	*	*	*	
65	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
66	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
67	NUMBER	*	*	*	*	*	*	*	*	*	
68	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
69	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
70	NUMBER	*	*	*	*	*	*	*	*	*	
71	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
72	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
73	NUMBER	*	*	*	*	*	*	*	*	*	
74	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
75	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
76	NUMBER	*	*	*	*	*	*	*	*	*	
77	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
78	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
79	NUMBER	*	*	*	*	*	*	*	*	*	
80	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
81	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
82	NUMBER	*	*	*	*	*	*	*	*	*	
83	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
84	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
85	NUMBER	*	*	*	*	*	*	*	*	*	
86	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
87	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
88	NUMBER	*	*	*	*	*	*	*	*	*	
89	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
90	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
91	NUMBER	*	*	*	*	*	*	*	*	*	
92	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
93	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
94	NUMBER	*	*	*	*	*	*	*	*	*	
95	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
96	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
97	NUMBER	*	*	*	*	*	*	*	*	*	
98	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
99	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
100	NUMBER	*	*	*	*	*	*	*	*	*	
101	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
102	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
103	NUMBER	*	*	*	*	*	*	*	*	*	
104	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
105	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
106	NUMBER	*	*	*	*	*	*	*	*	*	
107	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
108	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
109	NUMBER	*	*	*	*	*	*	*	*	*	
110	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
111	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
112	NUMBER	*	*	*	*	*	*	*	*	*	
113	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
114	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
115	NUMBER	*	*	*	*	*	*	*	*	*	
116	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
117	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
118	NUMBER	*	*	*	*	*	*	*	*	*	
119	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
120	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
121	NUMBER	*	*	*	*	*	*	*	*	*	
122	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
123	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
124	NUMBER	*	*	*	*	*	*	*	*	*	
125	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
126	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
127	NUMBER	*	*	*	*	*	*	*	*	*	
128	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
129	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
130	NUMBER	*	*	*	*	*	*	*	*	*	
131	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
132	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
133	NUMBER	*	*	*	*	*	*	*	*	*	
134	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
135	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
136	NUMBER	*	*	*	*	*	*	*	*	*	
137	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
138	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
139	NUMBER	*	*	*	*	*	*	*	*	*	
140	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
141	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
142	NUMBER	*	*	*	*	*	*	*	*	*	
143	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
144	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
145	NUMBER	*	*	*	*	*	*	*	*	*	
146	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
147	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
148	NUMBER	*	*	*	*	*	*	*	*	*	
149	*CAPCTY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
150	*ENERGY*	4*	27*	37*	64*	0*	0*	0*	1*	0*	
151	NUMBER	*	*	*	*	*	*	*	*	*	
152	*CAPCTY*	4*	27*								

LEGEND

- (1) = TUP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
 (2) = PRIMARY PURPOSE: IRRIGATION, HYDROELECTRIC, CHANNEL CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
 DEBRIS CONTROL, PASTURE POND, OTHER
 (3) = INSTALLED CAPACITY AND ENERGY
 (4) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (5) = UNINSTALLED CAPACITY AND ENERGY
 ***** TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARIZONA

(07/09/79)

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	LATITUDE	DRAINAGE AREA	ANNUAL APOUCH	OF	STORAGE	CAPACITY	ENERGY
	NUMBER	ON RIVER	PURP	OWNER	(SQ MI)	(SQ MI)	DAM	(MM)	(GWH)	
	(1)		(2)		(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
***** COUNTY NAME: COCONINO *****										
***** FERC POWER SUPPLY AREA 4B FERC REGIONAL OFFICE CODE SF *****										
***** LOWER LAKE MARY *****										
SPLO011*	AZU0015*	WALNUT CREEK	*SR	*CITY OF FLAG	35	6.7	119.0*	27.0	45.0*	0.0E
			*STAFF	#111	35.0	*	*	*	*	0.17E
SPLO012*	AZU0021*	EAST CLEAR CREEK	*PHelps Dodge	*CORPORATION	34	33.3	71.0*	11.0	130.0*	2.40E
			*FISH	#111	11.0	*	*	*	*	9.6
SPLO013*	AZU0046*	CHEVELUN CREEK	*ARIZ. GAME	*FISH DEPT.	*34	30.7	66.0*	21.0	80.0*	0.0E
			*FISH	#110	49.4	*	*	*	*	0.0E
SPLO014*	AZU0088*	WILLOW SPRINGS	*ARIZONA GAME	*FISH	*34	18.4	5.0*	1.0	62.0*	5.0E
			*FISH	#110	52.6	*	*	*	*	0.0E
(LAKE POWELL) GLA	AZ10307*	COLORADO RIVER	*MCRRDUI USBR	*EN CANYON	*36	56.2	111700.0*	17850.0*	480.0*	950.0E40000.0
			*FISH	#111	29.0	*	*	*	*	0.0E
***** COUNTY NAME: GILA *****										
***** FERC POWER SUPPLY AREA 4d FERC REGIONAL OFFICE CODE SP *****										
***** HOUSTON *****										
SPLO015*	AZU1013*	HOUSTON CR	*0	*AKIZ GAME	*34	12.8	34.0*	5.0	111.0*	0.0U
			*FISH	#111	14.0	*	*	*	*	0.0U
SPLO016*	AZU1014*	SPRING CREEK	*0	*AKIZ GAME	*34	7.3	150.0*	35.0	111.0*	0.0U
			*FISH	#111	6.0	*	*	*	*	0.0U
SPLO017*	AZU0068*	MINERAL CREEK	*C	*KENNECOTT CU	*33	15.2	92.0*	28.0	133.0*	1.67E
			*UPPER CORP.	#110	59.6	*	*	*	*	1.7
SPLO018*	AZU10306*	BARTLETT RESERVOIR	*IR	*DUI USBR	*33	49.1	6185.0*	500.0	160.0*	1.67E
			*FISH	#111	37.9	*	*	*	*	1.7
SPLO019*	AZU10317*	THEODORE ROOSEVELT	*LT LAKE	*DUI USBR	*33	40.0	5760.0*	650.0	199.0*	11.99E
			*FISH	#111	10.0	*	*	*	*	35.7
SPLO020*	AZU10320*									

L E G E N D

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CATTLE CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, Dams, Ponds, Reservoirs
- (3) = INSTALLED CAPACITY AND ENERGY NAME INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARIZONA

PROJECT NAME.	IDENT NUMBER*	NAME OF STREAM OR RIVER	PROJ# PURPA	OWNER	LATITUDE & LONGITUDE	DRAINAGE AREA (SQ MI)	ANNUAL INFLUX (CFS)	POWER HEAD (FT) *	NET HEIGHT (FT)	STORAGE (AC FT)	CAPACITY (MH)	ENERGY (GWH)
COUNTY NAME: GRADN												
FERC POWER SUPPLY AREA 48 FERC REGIONAL OFFICE CODE 8F												
RATTLESNAKE												
*AZU1015-RATTLESNAKE												
SPL0021												
STOCKTON MASH REA 1200067-STOCKTON MASH												
TARDING DAM *SPL0022*												
COUNTY NAME: GREENLEE												
*AZU1016-BLUE RIVER												
SPL0023												
COUNTY NAME: MARICOPA												
(LAKE PLEASANT) AZU0001-TAGUA FRIA RIVER AIR WADDELL												
CAVE CREEK DAM AZU0002-GRAVE CREEK												
GILLESPIE RESERVOIR AZU0106-GILA RIVER DIR												
(APACHE LAKE) HO-AZ1031-SALT RIVER RSE MESA												
(CANYON LAKE) HO-AZ1031-SALT RIVER RHON FLAT												
(SAHARO LAKE) S-AZ1031-SALT RIVER TEWART MOUNTAIN *SPL0028*												

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DEBRIS CONTROL, PEAK PCND, GROWTH
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = FOR EXISTING DAMS
- (3) = FOR UNDEVELOPED SITES)

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- (1) = TUP LINE IS INVENTORY OF DAMS WHICH REFERENCE ID. BOTTOM LINE DEFINES (U,S,A,C,E,) OFFICE AND SITE ID.
 (2) = PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION,
 (2) = DEBRIS CONTROL, PUFFAR POND, OSMOSIS
 (3) = E=INSTALLED CAPACITY AND ENERGY
 (3) = NENEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) = U=INSTALLED CAPACITY AND ENERGY
 (3) = T=TOTAL POTENTIAL CAPACITY AND ENERGY
 (3) = S=SITES (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARIZONA

PROJECT NAME	NAME OF STREAM	PROJ. NUMBER	PURP. (1)	UNER (2)	ALATITUDE (DH.M) * (SO MI)	DRAINAGE AREA * (CFS)	ANNUAL INFLU. HEAD * (FT) *AC FT)	NET HEIGHT * (FT)	MAXIMUM CAPACITY * (MH)	STORAGE CAPACITY * (MH)	ENERGY * (GWH)
***** COUNTY NAME: PIMA *****											
***** FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE SF *****											
***** BUSHMAN CANYON *****											
BUSHMAN CANYON	*AZU0006*BUSHMAN	0			*KARIZ GAME + *FISH	*32 24.2 *	*39.0*	*12.0 *	*107.0 *	*145.0 *	*25.0U
	SPL0039	*			*KARIZ GAME + *FISH	*110 32.5 *	*	*	*	*	0.0U 0.0
TANQUE VERDE	*AZU1002*TANQUE VERDE	0			*KARIZ GAME + *FISH	*32 15.4 *	*39.0*	*12.0 *	*207.0 *	*260.0 *	*35.0U
	SPL0040	*			*KARIZ GAME + *FISH	*110 39.2 *	*	*	*	*	0.0U 0.0
TANQUE VERDE	*AZU1001*TANQUE VERDE	0			*KARIZ GAME + *FISH	*32 15.6 *	*26.0*	*6.0 *	*103.0 *	*140.0 *	*20.0U
	SPL0041	*			*KARIZ GAME + *FISH	*110 36.0 *	*	*	*	*	0.0U 0.0
CIENAGA	*AZU1002*CIENAGA CR	0			*KARIZ GAME + *FISH	*31 6.0 *	*215.0*	*9.0 *	*100.0 *	*135.0 *	*19.0U
	SPL0042	*			*KARIZ GAME + *FISH	*110 53.5 *	*	*	*	*	0.0U 0.0
SABINO	*AZU1043*SABINO	0			*KARIZ GAME + *FISH	*32 21.4 *	*31.0*	*9.0 *	*185.0 *	*250.0 *	*16.0U
	SPL0043	*			*KARIZ GAME + *FISH	*110 46.5 *	*	*	*	*	0.0U 0.0
***** COUNTY NAME: PINAL *****											
***** FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE SF *****											
***** JERKY SPRING *****											
JERKY SPRING	*AZU1042*JERKY SPRING	0			*KARIZ GAME + *FISH	*33 26.4 *	*12.0*	*4.0 *	*116.0 *	*160.0 *	*6.0U
	SPL0044	*			*KARIZ GAME + *FISH	*111 5.6 *	*	*	*	*	0.0U 0.0
TORTOLITA	*AZU1044*TORTOLITA	0			*KARIZ GAME + *FISH	*32 42.0 *	*50.0*	*15.0 *	*52.0 *	*70.0 *	*5.0U
	SPL0045	*			*KARIZ GAME + *FISH	*111 6.0 *	*	*	*	*	0.0U 0.0
***** (LAGO DEL ORO) GAZ0003*CANADA DEL ORO *****											
OLDER	*AZU1046*OLDER	0			*RAIL & RANCH	*32 32.9 *	*46.0*	*15.0 *	*101.0 *	*127.0 *	*11.0E
	SPL0046	*			*CORPORATION	*110 51.0 *	*	*	*	*	0.0U 0.0
FLORENCE RETAR	*AZU0027*TH-GILA RIVER	0			*F.F.A.F.C.D.	*33 5.4 *	*70.0*	*21.0 *	*26.0 *	*6.0E	0.0E
NG DAM	*SPL0047*	*			*111 17.5 *	*	*	*	*	*	*1.5E
POLELINE RETAIN	*AZU0082*POLELINE RETAIN	0			*MARICOPA COUR	*33 21.9 *	*50.0*	*15.0 *	*26.0 *	*35.0 *	*5.0E
ING DAM	*SPL0048*POLELINE RETAIN	*			*NTY	*111 32.9 *	*	*	*	*	0.0E 0.0
MAGMA DAM	*AZU0083*MAGMA DAM	0			*MAGMA FLOOD	*33 9.5 *	*62.0*	*19.0 *	*18.0 *	*24.0 *	*6.0E
	SPL0049	*			*CUN. U.S.	*111 25.2 *	*	*	*	*	*10.0N .1

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAMS CHASS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
- (3) = INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARIZONA

(07/09/79)

PROJECT NAME	NAME OF STREAM	PROJ#	SLATITUDE	LONGITUDE	ANNUAL APACHE	NET WEIGHT	MAXIMUM	STORAGE CAPACITY	ENERGY
	CR RIVER	PUMP	CR	AREA	HEAD	OF	OF	MM	(GWh)
(1)	(2)	(3)	(OM)	(SQ MI)	(FT)	(AC FT)	(AC FT)	(3)	(3)
COUNTY NAME: PINAL									
FERC POWER SUPPLY AREA 48 FERC REGIONAL OFFICE CODE SF									

JOSEPHINE	AZU1005*JOSEPHINE	#0	*ARIZ GAME	*31 34.5	29.0*	9.0	100.0	135.0	12.0U
	SPL0051	*	*FISH	*110 57.9	*	*	*	*	0.3227 .4
TEMPORAL	AZU1007*TEMPORAL	#0	*ARIZ GAME	*31 35.2	20.0*	6.0	103.0	140.0	27.0U
	SPL0052	*	*FISH	*110 48.0	*	*	*	*	0.2397 .3
NED ROCK A	AZU1008*NED ROCK	#0	*ARIZ GAME	*31 33.3	29.0*	9.0	111.0	150.0	24.0U
	SPL0053	*	*FISH	*110 42.5	*	*	*	*	0.3697 .5
RED ROCK C	AZU1009*RED ROCK	#0	*ARIZ GAME	*31 32.6	21.0*	6.0	74.0	100.0	5.0U
	SPL0054	*	*FISH	*110 41.2	*	*	*	*	0.1797 .2
MARSHAL	AZU1012*MARSHAL	#0	*ARIZ GAME	*31 44.3	16.0*	6.0	67.0	90.0	6.0U
	SPL0055	*	*FISH	*110 41.5	*	*	*	*	0.1397 .2
LAKE PATAGONIA AM	AZU0029*SONDITA CREEK	#R	*L.P.R.A.I.	*31 29.6	230.0*	6.0	72.0	98.0	11.0E
	SPL0056	*		*110 52.1	*	*	*	*	0.139N .3
COUNTY NAME: YAVAPAI									
FERC POWER SUPPLY AREA 48 FERC REGIONAL OFFICE CODE SF									

COPPER CREEK	AZU1023*COPPER CREEK	#0	*ARIZ GAME	*34 24.0	17.0*	5.0	74.0	100.0	7.0U
	SPL0057	*	*FISH	*112 40.6	*	*	*	*	0.1597 .1
DATE CREEK	AZU1026*DATE CREEK	#0	*ARIZ GAME	*34 14.4	91.0*	20.0	81.0	110.0	10.0U
	SPL0058	*	*FISH	*112 14.2	*	*	*	*	0.2997 .7
APACHE CREEK	AZU1031*APACHE CREEK	#0	*ARIZ GAME	*34 54.5	9.0*	3.0	89.0	120.0	11.0U
	SPL0059	*	*FISH	*112 52.6	*	*	*	*	0.1097 .1
LEGEND									
(1) = TOP LINE IS INVENTORY OF DATA CROSS REFERENCE ID.									
(2) = PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEMI-IRRIGATION, RECREATION,									
(3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)									
(3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)									

- (1) = TOP LINE IS INVENTORY OF DATA CROSS REFERENCE ID.
 (2) = PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEMI-IRRIGATION, RECREATION,
 (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARIZONA

PROJECT NAME NUMBER	NAME OF STREAM OR RIVER	PROJ# (1)	OWNER (2)	LATITUDE (DM)	LONGITUDE (DF)	INFLOW (CFS)	HEAD (FT)	DAM # (AC FT)	STORAGE (AC FT)	ANNUAL POWER (MH)	NET HEIGHT (SQ MI)	MAXIMUM CAPACITY (GWH)	ENERGY (GWH)
COUNTY NAME: YAVAPAI													
RATTLESNAKE	AZU032* RATTLESNAKE CR	*0	*ARIZ GAME	* 34 46.2	* 13.0	*	*	*	*	9,000	0.	0.	0.
	SPL0060		*FISH	* 111 35.6	*	*	*	*	*	9,000	0.	0.	0.
BLACK ROCK	AZU034* ASH CREEK	*0	*ARIZ GAME	* 34 34.5	*	15,000	400	59	80	3,000	0.	0.	0.
	SPL0061		*FISH	* 112 6.0	*	*	*	*	*	3,000	0.	0.	0.
SYCAMORE	AZU035* SYCAMORE	*0	*ARIZ GAME	* 34 27.0	*	26,000	800	155	180	15,000	0.	0.	0.
	SPL0062		*FISH	* 111 46.0	*	*	*	*	*	15,000	0.	0.	0.
BOX CANYON	AZU037* HASSAYAMPA	*0	*ARIZ GAME	* 34 6.0	*	410,000	1300	70	95	19,000	0.	0.	0.
	SPL0063		*FISH	* 112 42.0	*	*	*	*	*	19,000	0.	0.	0.
WALNUT GROVE	AZU038* HASSAYAMPA	*0	*ARIZ GAME	* 34 11.2	*	225,000	700	44	60	6,000	0.	0.	0.
	SPL0064		*FISH	* 112 30.0	*	*	*	*	*	6,000	0.	0.	0.
ALCONQUIN	AZU1040* PUDLAND CR	*0	*ARIZ GAME	* 34 12.6	*	11,000	300	74	100	6,000	0.	0.	0.
	SPL0065		*FISH	* 112 18.0	*	*	*	*	*	6,000	0.	0.	0.
TURKEY CREEK	AZU1041* TURKEY CREEK	*0	*ARIZ GAME	* 34 12.0	*	136,000	3100	111	150	33,000	0.	0.	0.
	SPL0066		*FISH	* 112 12.4	*	*	*	*	*	33,000	0.	0.	0.
WILLOW CREEK (REAZU0019* WILLOW CREEK SERVIR) DAM	*IR	*CHINO VALLEY	* 34 36.1	*	23,000	700	57	70	8,000	0.	0.	0.	
	SPL0067		* INH. DIST.	* 112 26.7	*	*	*	*	*	8,000	0.	0.	0.
GRANITE CREEK DAM	AZU0020* GRANITE CREEK	*IR	*CHINO VALLEY	* 34 35.7	*	34,000	600	66	82	5,000	0.	0.	0.
	SPL0068		* IRR. UST	* 112 25.0	*	*	*	*	*	5,000	0.	0.	0.
LYNX LAKE	AZU0049* LYNX CREEK	*K	*ARIZ. GAME	* 34 31.3	*	21,000	1084	74	67	1,000	0.	0.	0.
	SPL0069		* FISH DEPT.	* 112 23.2	*	*	*	*	*	1,000	0.	0.	0.
HORSESHOE RESERVOIR	AZU10310* VERDE RIVER	*K	*FISH	* 35 58.9	*	5991,000	500	123	151	155,000	0.	0.	0.
QIR	*SPL0070*		*DUI USBR	* 35 42.7	*	*	*	*	*	155,000	0.	0.	0.
	*		*	*	*	*	*	*	*	155,000	0.	0.	0.

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAMS CHUCK REFERENCE TO BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE 10.
- (2) = PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION.
- (2) = DEDEHIS CONTROL, PFAHM PUND, OTHER
- (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARIZONA
(07/09/79)

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- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE IV. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.

(2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROPOWER, C=FLUID CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,

(3) = D=DEAVERS CONTROL, P=PARM FOND, O=OTHER

(4) = E=INSTALLED CAPACITY AND ENERGY

(5) = N=NECESSARY INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)

(6) = U=UNINSTALLED CAPACITY AND ENERGY

(7) = T=TOTAL POTENTIAL CAPACITY AND ENERGY

(8) = S=SITES UNDEVELOPED SITES)

STATE OF CALIFORNIA

POTENTIAL INSTRUMENTAL CAPACITY CHANGES

- 6 -

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
 COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING C4
 COLUMN 5 = UNDEVELOPED POTENTIAL

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	CHAN	NET LENGTH	DRAINAGE AREA	ANNUAL POWER	OF INFLD	STORAGE CAPACITY	ENERGY (GWH)
		UR GIVER	SPN0001							
	(1)									
COUNTY NAME: ALAMEDA										
BETHANY FOREBAY	*CA00033*	IRI ITALIAN GLOUAI S	*CAL DEPT HAT 37	47.0	4.0M	4.0M	77.0	90.0	6.0E	0. RE 0.
		*EN RES	*121 37.1							
DEL VALLE	*CA00043*	IRI ARROYO VALLE	*IRI CAL DEPT HAT 37	56.9	149.0	29.0	165.0	194.0	77.0E	0. RE 0.
		*EN RES	*121 44.7							
CALAVERAS RESERVE	*CAU0126*	CALAVERAS CREEK	*CITY COUNTY	29.5	100.0	29.0	151.0	176.0	100.0E	0. RE 0.
OIR			*S FRANCISCO	121 49.2						
SAN ANTONIO RESER	*CAU0132*	SAN ANTONIO CR	*CITY COUNTY	34.4	40.0	20.0	149.0	175.0	51.0E	0. RE 0.
RVOIR			*S FRANCISCO	121 50.9						
UPPER SAN LEANDRO CREEK	*CA00165*	UPPER SAN LEANDRO CREEK	*EAST HAY M U	43.6	31.0	16.0	99.0	117.0	13.0E	0. RE 0.
O RESERVOIR			*DIST	122 7.5						
LAKE CHARLOT			*EAST HAY M U	45.0	6.5	3.0	189.0	175.0	41.0E	0. RE 0.
			*DIST	122 5.7						
COUNTY NAME: ALPINE										
HOPE VALLEY RESER	*CAU0149*	HOPES FORK CARGONE	*38 46.3	38.0	102.0	130.0	176.0	100.0	0. RE 0.	
RVOIR			*119 55.6							
PAYNESVILLE RESER	*CAU0240*	EAST FORK CARGONE	*38 49.0	66.0	102.0	932.0	0.0	95.0	0. RE 0.	
RVOIR			*119 46.0							
SILVER KING RESER	*CAU0274*	EAST CARGON RIVE	*38 34.1	45.0	126.0	55.0	75.0	8.0	0. RE 0.	
VDIR			*119 37.4							
STEVENOT RESER	*CAU0289*	NORTH FORK MUKEL IR	*38 34.0	58.0	51.0	1040.0	0.0	25.0	0. RE 0.	
			*120 1.0							
WOODFORDS RESER	*CAU0324*	HOPES FORK CARGONE	*38 46.0	57.0	66.0	1100.0	0.0	95.0	0. RE 0.	
OIR			*119 51.0							

LEGEND

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION, DREDGING CONTROL, PUFFAN POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	LATITUDE	DRAINAGE AREA	ANNUAL POWER	NET ENERGY	STORAGE CAPACITY	MAXIMUM
	*	CR RIVER	(2)	OWNER	LONGITUDE	INFLOW (CU FT/SEC)	(MM)	(MM)	(MM)
COUNTY NAME	(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF									
CAPLES LAKE	*CA00374*	TRI SILVER FURK	*H	*PACIFIC GAS	*38 42.4	*14.0*	*54.0	*64.0	*22.0E
	SPR0007			** ELECT CO	*120 2.9				*0.0E
LOWER BLUE LAKE	*CA00380*	BLUE CREEK	*H	*PACIFIC GAS	*38 36.6	*5.0*	*13.0	*32.0	*0.0E
	SPR0008			** ELECT CO	*119 55.5				*0.0E
MEADOW LAKE	*CA00381*	TRI POKELUMNE RI	*H	*PACIFIC GAS	*38 36.0	*2.0*	*5.0	*64.0	*4.0E
	SPR0009	VER		** ELECT CO	*119 58.5				*0.0E
UPPER BLUE LAKE	*CA00385*	BLUE CREEK	*H	*PACIFIC GAS	*38 37.7	*3.0*	*6.0	*23.0	*27.0
	SPR0010			** ELECT CO	*119 56.4				*0.0E
LAKE ALPINE	*CA00422*	SILVER CREEK	*H I	*PACIFIC GAS	*38 28.3	*5.0*	*30.0	*38.0	*45.0
	SPR0011			** ELECT CO	*120 .2				*5.0E
UNION RESERVOIR	*CA00426*	FK STANISLAUS	*H I	*PACIFIC GAS	*38 25.0	*28.0*	*60.0	*26.0	*33.0
	SPR0012	RIVER		** ELECT CO	*119 59.0				*0.0E
UTICA RESERVOIR	*CA00427*	FK STANISLAUS	*H I	*PACIFIC GAS	*38 26.4	*28.0*	*60.0	*44.0	*52.0
	SPR0013	RIVER		** ELECT CO	*120 .2				*5.0E
INDIAN CRK.	*CA00894*	INDIAN CR		*I RESEUTH TANGE	*38 45.1	*3.0*	*6.0	*54.0	*63.0
	SPR0014			*I RUD	*119 46.5				*0.0E
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF									
COUNTY NAME: AMADOR									
IRISH HILL RESER	*CA0160*	DRY CREEK	I	*38 24.0	*77.0*	*40.0	*137.0	*185.0	*100.0U
VOIR	*SPR0015*			*120 57.5					*0.0U
MIDDLE RAR RESER	*CA0205*	POKELUMNE RIVER	I	*38 17.0	*551.0*	*965.0	*115.0	*47.0U	*3.07E
VOIR	*SPR0016*			*120 46.0					*6.0
NASHVILLE RESERV	*CA0215*	CONSUMES RIVER	I	*38 33.0	*435.0*	*656.0	*509.0	*414.0	*900.0U
DIR	*SPR0017*			*120 52.0					*0.0U

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, A=RECREATION,
- (2) = DERRIS CONTROL, P=ARMED FORCES, O=OTHER
- (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	INENT	NAME OF STREAM	PROJ#	LATITUDE	UNHAIRED	ANNUAL FLOW	NET HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
			CH RIVER	PUMP*	UNEN	LONGITUDE*	AREA*	INFLW	DAM*	(MM)	(MM)	(GWH)
										(1000')	(FT)	(AC FT)
PARDEE RESERVOIR	CA00164	*IRCA00164	MOKELUMNE RIVER	*	EAST HAY M URE	38 15.4	570.0*	904.0*	327.0*	337.0*	210.0*	15,000E 105.0
SILVER LAKE	CA00377	*SILVER FORK	MOKELUMNE RIVER	*	W DUST	4120 51.0	15.0*	55.0*	9.0*	11.0*	12.0*	0.0E 0.0
BEAR RIVER	CA00379	*BEAR RIVER	MOKELUMNE RIVER	*	ELECT CO	4120 7.5	28.0*	55.0*	65.0*	76.0*	7.0*	0.0E 0.0
SALT SPRINGS RESERVOIR	CA00401	*SALT SPRINGS RIVER	MOKELUMNE RIVER	*	ELECT CO	4120 12.9	170.0*	475.0*	256.0*	302.0*	139.0*	9,350E 50.0
LAKE TAREAU	SPK0023*	JACKSON CREEK	MOKELUMNE RIVER	*	ELECT CO	4120 39.9	544.0*	904.0*	1266.0*	117.0*	1.0*	69,100E 347.0
TIGER CREEK FURN*	CA00401	*TIGER CREEK FURN	MOKELUMNE RIVER	*	ELECT CO	4120 30.2	262.0*	520.0*	1219.0*	85.0*	4.0*	51,000E 353.0
ELECTRA DIVERSIN	CA00404	*ELECTRA DIVERSIN	MOKELUMNE RIVER	*	ELECT CO	4120 52.9	360.0*	475.0*	20.0*	26.0*	0.0*	0.0E 0.0
LOWER BEAR RIVER	SPK0026*	LOWER BEAR RIVER	MOKELUMNE RIVER	*	ELECT CO	4120 15.5	32.0*	55.0*	2109.0*	235.0*	49.0*	29,700E 125.0
ARROYO SECO	CA00613	*ARROYO SECO	MOKELUMNE RIVER	*	CHAS MCAND	38 21.3	2.0*	5.0*	54.0*	63.0*	2.0*	0.0E 0.0
JACKSON CR	CA00617	*JACKSON CR	MOKELUMNE RIVER	*	ESTATE	4120 59.9	1.0*	1.0*	1.0*	1.0*	0.0*	2,560N 3.0
WEST POINT PUMP	CA00624	*WEST POINT PUMP	MOKELUMNE RIVER	*	JACKSON VAL	38 16.2	56.0*	50.0*	141.0*	175.0*	26.0*	0.0E 0.0
HOUSE	SPK0029*	HOUSE	MOKELUMNE RIVER	*	IIRR DUST	4120 53.5	0.0*	0.0*	312.0*	0.0*	2,380N	2,380N 0.0

LEGEND

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
- (2) = DEBRIS CONTROL, PEAK PUND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NAME OF STREAM	PROJ. NUMBER	UPPER PURCHASE (1)	Latitude Longitude (DM.M) (SQ MI)	NET POWER INFLUX (CFS)	ANNUAL POWER HEAD (FT)	STORAGE AREA (AC FT)	CAPACITY (MH)	ENERGY (GWH)
COUNTY NAME: BUTTE									
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF									
BALD ROCK NO. 5 *CAUD0049*OLD FORK FEATHER *SPK0030* RIVER									
BUTTE CREEK HOUSE*CAU0069* BUTTE CREEK E *SPK0031*									
CASTLE ROCK *CAU0077* BUTTE CREEK *SPK0032*									
COVERED BRIDGE AM *CAU0096* BUTTE CREEK *SPK0033*									
FORKS OF BUTTE C. *CAU0127* BUTTE CREEK REEK *SPK0034*									
GRIZZLY GULCH *CAU0142* BUTTE CREEK *SPK0035*									
JONESVILLE *CAU0167* BUTTE CREEK *SPK0036*									
QUARTZ HILL *CAU0250* FALL RIVER *SPK0037*									
SHAYNE *CAU0294* FRENCH CREEK *SPK0038*									
SYCAMORE *CAU0297* DIG CREEK *SPK0039*									
FEATHER RIVER MARCA0034*FEATHER RIVER TCHEVY *SPK0040*									
OROVILLE DAM *CAU0035*FEATHER RIVER *SPK0041*									

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE 1D, BOTTOM LINE DEFINES U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION
- (2) = DEBRIS CONTROL, PEARL PUNO, OTHER
- (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

* IDENT * NAME OF STREAM * PROJ# * SLATITUDE * DRAINTAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
 PROJECT NAME * NUMBER * CR RIVER * PUMP * CATCH * AREA * HEAD * DAM * (1000 * (MH) * (GWH)
 (1) * (2) * (3) * (4) * (5) * (6) * (7) * (8) * (9) * (10) * (11) * (12) * (13)
 COUNTY NAMES BUTTE
 FERC FORM SUPPLY AREA 46 FERC REGIONAL OFFICE CODE 3P

1	2	3	4	5	6	7	8	9	10	11	12	13
THERMALITO DIVERCA002*#FEATHER RIVER	MI	*CAL DEPT HATE	.59	.53	.1	*	48000.	*	100.	*	13.0E	0.
SION DAM	SPK002*	*ER HES	#121	32.6	1	*	48000.	*	65.	*	51	4.00M
THERMALITO FORECA0041*TRI CTNND CRR(FRM R	AY	*CAL DEPT HATE	.39	.51	.6	*	3610.0	*	49550.	*	61.	11.0E
*SPKG045*THRN R UFTSMH		*ER HES	#121	56.0	1	*	3610.0	*	49550.	*	61.	115.00E
THERMALITO AFTERCA0042*FEATHER RIVER (URH	BAY	*CAL DEPT HATE	.39	.27	.0	*	3610.0	*	49550.	*	32.0	32.0E
*SPK0044*FSTREAM)		*ER HES	#121	56.0	1	*	3610.0	*	49550.	*	32.0	32.0E
CAU026*LOST CREEK		*	*	31.0	0	*	25.0	*	1495.0	*	112.	6.0E
SPK0045*		*INDUTTE I U	#121	6.1	1	*	25.0	*	1495.0	*	112.	52.0E
ACA00272*LOST CREEK		*	*	24.0	0	*	21.5	*	21.5	*	65.0	0.
SPK0046*		*INDUTTE	#121	6.9	1	*	24.0	*	21.5	*	65.0	0.
FORBESTOWN DIVERCA00273*#FK FEATHER RIVER	SION	*	*	88.0	0	*	233.	*	626.	*	84.	0.0E
SPK0047*ER		*INDUTTE I U	#121	12.5	1	*	233.	*	626.	*	84.	0.0E
PONDEROSA DIVERSSCA00274*#FK FEATHER RIVER		*	*	108.0	0	*	717.	*	107.	*	126.	5.0E
SPK0048*		*INDUTTE I D	#121	16.1	1	*	717.	*	107.	*	126.	5.0E
MINERS RANCH HESSCA00275*TIN HONGUT CREEK		*	*	50.5	0	*	223.	*	666.	*	50.	1.0E
SPK0049*(S F FTHR RIV		*INDUTTE I D	#121	27.4	1	*	50.5	*	666.	*	50.	1.0E
CONCO*		*	*	45.0	0	*	27.0	*	77.	*	91.	9.0E
SPK0050*		*TABLE MT I D	#121	31.6	1	*	27.0	*	77.	*	91.	9.0E
ACA00246*LITTLE BUTTE CREEK		*	*	48.0	0	*	20.0	*	75.	*	88.	3.0E
SPK0051*EK		*DIST	#121	34.9	1	*	20.0	*	75.	*	88.	3.0E
ACA00297*LITTLE BUTTE CREEK		*	*	51.1	1	*	19.0	*	113.	*	133.	6.0E
SPK0052*EK		*DIST	#121	34.5	1	*	19.0	*	113.	*	133.	6.0E
ACA00268*#FK FEATHER RIVER		*	*	48.6	0	*	1950.0	*	3013.	*	12.	1.0E
SPK0053*ER		*ELECT CO	#121	25.0	1	*	1950.0	*	3013.	*	12.	1.0E
POE FOREBAY		*	*	0.	0	*	0.	*	0.	*	0.	0.

LEGEND

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 - (2) = PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, C-DEFOUL CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION.
 - (2) = DEPENDENTS CONTROL, PEAK/POND, GEOTHERM
 - (3) = INSTALLED CAPACITY AND ENERGY
 - (3) = NEW/NEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 - (3) = UNINSTALLED CAPACITY AND ENERGY
 - (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	PLATITUDE	UNTHAGEN AREA	ANNUAL APOPEN	OF	STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	(2)	(DN.M)	(SU MI)	(CFS)	(FT)	DAM	(Mm)	(GWh)
COUNTY NAME: BUTTE										
FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE SF										
DE SABLA FOREDAY	CA00343	THI BUTTE CREEK	*M	*PACIFIC GAS	*39 52.5	108.0*	300.*	1530.*	50.*	0.*E
	SPK0054	*ELECT CO	*121 36.5	*	*	*	*	*	*	*
PHILBROOK CREEK	CA00345	PHILBROOK CREEK	*M	*PACIFIC GAS	*40 1.0	5.0*	7.0*	60.*	71.*	5.*E
	SPK0055	*ELECT CO	*121 28.5	*	*	*	*	*	*	*
COAL CANYON POWER	CA00346	MIOCENE CANYON	*M	*PACIFIC GAS	*39 36.5	114.0*	328.*	461.*	0.*E	0.*E
RHOUSE	*SPK0056*	*AND ELEC.	*121 36.5	*	*	*	*	*	*	*
CENTERVILLE PINE	CA00347	SUBUTTE CREEK	*M	*PACIFIC GAS	*39 47.5	129.0*	414.*	577.*	0.*E	0.*E
RHOUSE	*SPK0057*	*ELECT. CO.	*121 39.0	*	*	*	*	*	*	*
LIME SADDLE PINE	CA00348	BRANCH FEATHER	*M	*PACIFIC GAS	*39 45.0	113.0*	328.*	462.*	0.*E	0.*E
RHOUSE	*SPK0058*	*AND ELECT.	*121 35.0	*	*	*	*	*	*	*
COUNTY NAME: CALAVERAS	FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE SF									
CEDAR RESERVOIR	CAU0079	NORTH FORK CALAV	*M	*36 14.4	*83.0*	74.*	133.*	160.*	40.*U	0.*U
	SPK0059	TERAS RIVER	*M	*120 41.1	*	*	*	*	*	*
CHILI GULCH	CAU0080	CHILI GULCH	*M	*38 14.4	5.0*	15.0*	116.*	160.*	17.*U	0.*U
COLLIENVILLE	CAU0090	STANISLAUS RIVER	*M	*38 8.0	225.0*	567.*	2470.*	0.*E	120.*U	0.*U
	SPK0061	*120 23.0	*	*	*	*	*	*	*	*
ESPERANZA RESERVOIR	CAU0117	ESPERANZA CREEK	*M	*38 17.0	10.0*	23.*	92.*	124.*	7.*U	0.*U
OIR	*SPK0062*	*120 31.5	*	*	*	*	*	*	*	*
FOREST CREEK RESERVOIR	CAU0125	FOREST CREEK	*M	*38 25.0	16.0*	48.*	109.*	148.*	5.*U	0.*U
FORKS RESERVOIR	CAU0126	FORK CALAV	*M	*38 9.6	149.0*	379.*	118.*	160.*	60.*U	0.*U
	SPK0063	*120 40.5	*	*	*	*	*	*	*	*

LEGEND

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- (2) - PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CLOUD CONTROL, NAVIGATION, WATER SUPPLY, RAREFICATION,
- (2) - DEBATES CONTROL, PEAK POWER, DROUGHT
- (3) - INSTALLED CAPACITY AND ENERGY
- (3) - INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - INSTALLED CAPACITY AND ENERGY
- (3) - TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07 / 09 / 79)

PROJECT NAME	NUMBER	NAME OF STREAM	PHCJS	UNIVER	DRAINAGE AREA	ANNUAL POWER OF INFLUEN	STORAGE CAPACITY (MM)	NET HEIGHT (M)	MAXIMUM (GKm)
** JESUS MARIA	(11) *	CR RIVER	SPK0065*	SLAUS RIVER	* 36 24.0 *	5d.0m	31.0 *	745.0 *	0.0
			SPK0065*	SLAUS RIVER	* 120 4.0 *				AT 12.59m
LITTLE JUHNS RESERVOIR	**	LITTLE JUHNS CR	SPK0067*	CR	* 58 16.2 *	13.0m	59.0 *	215.0 *	0.0
			SPK0067*	CR	* 120 30.7 *				AT 0.0
MCCARTY'S RESERVOIR	**	NORTH FORK CALAWA IR	SPK0068*	CALAWA RIVER	* 37 52.0 *	29.0m	11.0 *	135.0 *	0.0
			SPK0068*	CALAWA RIVER	* 120 37.5 *				AT 0.0
RAMSEY RESERVOIR	**	NORTH FORK CALAWA IR	SPK0069*	CALAWA RIVER	* 38 19.5 *	4.0m	11.0 *	160.0 *	0.0
			SPK0069*	CALAWA RIVER	* 120 30.3 *				AT 0.0
RAILROAD FLAT	**	NORTH FORK HUKEL	SPK0070*	HUKEL RIVER	* 3d 24.5 *	34.0m	60.0 *	110.0 *	0.0
			SPK0070*	HUKEL RIVER	* 120 34.2 *				AT 0.0
SCOTT RESERVOIR	**	NORTH FORK STANLEY	SPK0071*	STANLEY RIVER	* 36 19.5 *	10.0m	24.0 *	122.0 *	0.0
			SPK0071*	STANLEY RIVER	* 120 26.5 *				AT 0.0
SQUAW HOLLOW	**	NORTH FORK STANLEY	SPK0072*	STANLEY RIVER	* 38 22.0 *	9.0m	65.0 *	162.0 *	0.0
			SPK0072*	STANLEY RIVER	* 120 37.0 *				AT 0.0
SWISS RANCH RESERVOIR	**	NORTH FORK STANLEY	SPK0073*	STANLEY RIVER	* 36 12.0 *	21.0m	26.0 *	140.0 *	0.0
			SPK0073*	STANLEY RIVER	* 120 25.4 *				AT 0.0
SWISS RANCH RESERVOIR	**	NORTH FORK STANLEY	SPK0074*	STANLEY RIVER	* 36 16.0 *	0.0m	26.0 *	222.0 *	0.0
			SPK0074*	STANLEY RIVER	* 120 16.0 *				AT 0.0
THOMAS HOLLOW	**	NORTH FORK STANLEY	SPK0075*	STANLEY RIVER	* 36 16.0 *	0.0m	16.0 *	200.0 *	0.0
			SPK0075*	STANLEY RIVER	* 120 28.0 *				AT 0.0
UPPER MIDDLE FORK CALAWA RIVER	**	MIDDLE FORK HUKEL	SPK0076*	UMIKE RIVER	* 38 23.5 *	21.0m	64.0 *	165.0 *	0.0
			SPK0076*	UMIKE RIVER	* 120 24.1 *				AT 0.0

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POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NAME OF STREAM	PROJECT NUMBER	NAME OF RIVER	UNITS	SLATITUDE	LONGITUDE	ANNUAL FLOW AREA (CU M/M)	HEAD (FT) (CFS)	STORAGE (FT)	CAPACITY (MH)	NET HEIGHT (M)	ENERGY (KWH)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
COUNTY NAME: CALAVERAS												
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF												
GOODWIN	*CA0026* STANISLAUS RIVER	S *SPK0071	S *QUADALE S SAM 37 51.6	*	966.0*	1500.0*	69.0	61.0	*	1.1E	0.5E	0.
	*SPK0077		*IN JOAQUIN 104120 37.7	*	*	*	*	*	*	*	31.5*	75.5
TULLOCH	*CA0026* STANISLAUS RIVER	I *SPK0079	I *QUADALE S SAM 37 52.2	*	940.0*	1500.0*	157.0	171.0	*	66.0E	17.10E	70.2
MIDDLE FORK	*CA0030* MID FA MUKELUMHEI S	*SPK0080	*CALAVENAS P *AU UIST	*	29.0*	62.0*	66.0*	60.0*	*	0.0E	0.0E	0.
JEFF DAVIS	*CA0030* THI WET GULCH CREEK	*SPK0081	*ACALAVENAS P *AU UIST	*	1.0*	3.0*	93.0*	109.0*	*	2.0E	0.0E	0.
MURPHY FOREST	*CA0042* TRI ANGELS CHEEKH	*SPK0082	*PACIFIC GAS *AU ELECT CU	*	206.0*	524.0*	605.0*	64.0*	*	0.0E	3.60E	16.0
HUNTERS RESERVOIR	*CA0042* HILL CREEK	*SPK0083	*H I PACIFIC GAS *AU ELECT CU	*	206.0*	524.0*	605.0*	56.0*	*	0.0E	1.346E	0.
SALT SPRINGS VALLEY	*CA0062* ROCK CREEK	*SPK0084	*S 1 URMICK CREEK *	*	20.0*	6.0*	36.0*	42.0*	*	1.1E	0.0E	0.
NEW HOGAN LAKE	*CA1024* STANISLAUS RIVER	*SPK0085	*WATER DIST *AU ELECT	*	45.6*	11.0*	42.0*	42.0*	*	0.0E	0.0E	0.
ANGELS POWERHOUSE	*CA0062* CACHON CREEK	*SPK0086	*H I PACIFIC GAS *AU ELECT	*	4.3*	213.0*	542.0*	446.0*	0.0*	0.0E	1.40E	6.42
BEAR VALLEY	*CA0052* MEAN CREEK	*SPK1421	*H I PACIFIC GAS *AU ELECT	*	32.5*	120.0*	106.0*	299.0*	356.0*	0.0E	49.65E	153.8
COUNTY NAME: COLUSA												
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF												

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- (2) = PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CEFLUID CONTROL, NAVIGATION, SEWER SUPPLY, WRECREATION,
- (2) = DEATHS CONTROL, REPAIR POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = INSTALLED POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	IDENT	NAME OF STREAM	PHJN	NET HEIGHT*	AVERAGE*	MAXIMUM*
	NUMBER	OR RIVER	HURP	DRAGAGE	ANNUAL POWER	OF A STORAGER CAPACITY ENERGY
(1)	(2)			INFLU	DAM *	(MM) * (GWH)
(2)				HEAD *	DAM *	(1000') *
COUNTY NAME: COLUSA				(CMH)	(FT)	(AC FT) *
				(SU MI)	(FT)	(3) *
						(3) *
						(3) *
FERC POWER SUPPLY AREA 4b						FERC REGIONAL OFFICE CODE SF
FUNKS						
	*CAU0131*FUNKS CRK			* 39 19.5	*	*
	SPK0088			* 122 16.5	*	*
GOLDEN GATE	*CAU0130*STONE CORRAL + F			* 39 16.8	*	*
	*SPK0094*FUNKS CREEK			* 122 20.5	*	*
SITES RES	*CAU0275*STONE CORRAL CREEK			* 39 16.4	*	*
	SPK0190			* 122 20.5	*	*
EAST PARK RESERV	*CAU0145*LITTLE STONY CHEMIS	SDI	USBR	* 34 22.0	*	*
DIR	*SPK0091*			* 122 30.4	*	*
COUNTY NAME: CONTRA COSTA						
KELLOG	*CAU0172*KELLOG CREEK			* 37 48.6	*	*
	SPK0092			* 121 43.6	*	*
SAN PABLO RESERV	*CAU0166*SAI FALLO CREEK	S	NEAST DAY H UP	* 37 56.6	*	*
IOR	*SPK0006*		NEAST DAY H UP	* 122 15.5	*	*
BRAINES RESERV	*CAU0172*BEAR CREEK	S	EAST DAY H UP	* 37 54.6	*	*
R	*SPK0007*		EAST DAY H UP	* 122 12.5	*	*
MARSH CRK	*CAU0094*MAKASH CR	SC	CUNTHA CUSTA	* 37 53.4	*	*
	SPK0093		CTY FCACD	* 121 45.4	*	*
COUNTY NAME: PL ORDAO						
AURUM RESERVOIR	*CAU0046*SOUTH FOULK CUSUM			* 38 53.0	*	*
	*SPK0094*NEES RIVER			* 120 44.0	*	*
BAKERS FORD	*CAU0046*HILLIE FOULK CUSUM			* 38 57.5	*	*
	*SPK0095*SHAKES RIVER			* 120 41.1	*	*

LEGEND

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- (2) = PROJECT PURPOSES: INVESTIGATION, HYDROELECTRIC, CEFCLOUD CONTROL, NAVIGATION, OTHER
- (2) = DREDGE/RECONTROL, PASTURE POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY NENEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	OWNER	Latitude	Longitude	AVERAGE OF DRAINSAGE AREA (DM.M)	ANNUAL INFLOW (CU M)	POWER (W) (AC FT) (CFS)	HEAD (FT)	DAH (MM)	MAXIMUM CAPACITY (GWH)	ENERGY (GWH)
(1)	(2)	(3)											
COUNTY NAME EL DORADO													
BRIDGEPORT RESER	CAU006	SOUTH FORK COLUMBIA	*	*	* 38 32.7	* 536.0*	481.0*	40.0*	150.0*	36.0*	0.0*	0.0*	0.0*
VOIR	SPKO09	MINES RIVER	*	*	* 120 43.5	*	*	*	*	*	3.01*	12.5	
CAPPS CROSSING	CAU0074	NORTH FORK COLUMBIA	*	*	* 38 36.2	* 19.0*	33.0*	140.0*	162.0*	25.0*	0.0*	0.0*	
	SPKO09	NEES	*	*	* 120 22.6	*	*	*	*	*	1.01*	2.0	
CASE VALLEY RESE	CAU0075	SOUTH FORK COLUMBIA	*	*	* 38 51.0	* 6.0*	16.0*	145.0*	196.0*	16.0*	0.0*	0.0*	
VOIR	SPKO09	BANES RIVER	*	*	* 120 52.6	*	*	*	*	*	0.68*	1.6	
COLOMA AFTERBAY	CAU0091	SOUTH FORK AMERICA	*	*	* 58 47.0	* 631.0*	1341.0*	40.0*	0.0*	2.0*	0.0*	0.0*	
	SPKO09	AMERICA	*	*	* 120 53.0	*	*	*	*	*	5.05*	21.0	
			*	*	*	*	*	*	*	*			
COLOMA RESERVOIR	CAU0092	SOUTH FORK AMERICA	*	*	* 58 47.0	* 616.0*	1510.0*	160.0*	160.0*	0.0*	0.0*	0.0*	
	SPKO10	AMERICAN RIVER	*	*	* 120 52.0	*	*	*	*	*	64.07*	159.1	
EL DORADO	CAUG116	SOUTH FORK AMERICA	*	*	* 58 46.7	* 449.0*	676.0*	1900.0*	0.0*	246.0*	0.0*	0.0*	
	SPKO10	AMERICAN RIVER	*	*	* 120 57.6	*	*	*	*	*	457.49*	0.0	
FONI SOUTH FORK	CAU0129	SCOUT FORK AMERICA	*	*	* 58 47.0	* 64.0*	57.0*	111.0*	150.0*	2.0*	0.0*	0.0*	
RESERVOIR	SPKO10	AMERICAN RIVER	*	*	* 120 10.0	*	*	*	*	*	2.01*	0.0	
KYBURZ	CAU0135	WHEELER CREEK	*	*	* 38 44.0	* 214.0*	204.0*	200.0*	137.0*	6.0*	0.0*	0.0*	
RESERVOIR	SPKO10	*	*	*	* 120 56.0	*	*	*	*	*	14.06*	25.9	
MICHIGAN BAY	CAU0203	CAUSUNNES RIVER	*	*	* 38 30.0	* 536.0*	481.0*	78.0*	105.0*	64.0*	0.0*	0.0*	
	SPKO10	*	*	*	* 121 35.0	*	*	*	*	*	2.05*	10.3	
MIDDLE END RESER	CAU026	NORTH FORK COLUMBIA	*	*	* 38 40.5	* 43.0*	58.0*	135.0*	180.0*	7.0*	0.0*	0.0*	
VOIR	SPKO10	RES RIVER	*	*	* 120 32.2	*	*	*	*	*	1.05*	3.2	
PARK CREEK RESER	CAU027	PARK CREEK	*	*	* 38 44.0	* 10.0*	23.0*	1850.0*	180.0*	7.0*	0.0*	0.0*	
VOIR	SPKO10	*	*	*	* 120 29.0	*	*	*	*	*	17.04*	27.5	
			*	*	*	*	*	*	*	*			

LEGEND

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- (2) = PROJECT PURPOSE: INVESTIGATION, HYDROELECTRIC, FLUID CONTROL, PAFARM FUND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY NEEDED INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES POTENTIAL HYDROPOWER SITES IN THE STATE OF CALIFORNIA

(07 / 09 / 79)

PROJECT NAME										NAME OF STREAM	PHYSICAL LENGTH	RELATIVE LATITUDE	RELATIVE LONGITUDE	ANNUAL RIVERAGE	NET AVERAGE DRAINAGE AREA	STORAGE CAPACITY	CAPACITY ENERGY
PROJECT NAME	HUNTER	CR RIVER	PURPLE CREEK	UNKN	(2)	(1)				CAU0247*INDIUS FORK COSUR	45.0M	34.5	34.5	280.0M	294.0M	70.0M	0.0
										SPK0109*	25.5	25.5	25.5	80.0M	80.0M	0.0M	0.0
										PLUN GREEK RESER	45.0	45.0	45.0	50.0M	50.0M	15.0M	0.0
										CAU0247*PLUM CREEK	25.0	25.0	25.0	80.0M	80.0M	15.0M	0.0
										VORL	120	20.0	20.0	100.0M	100.0M	10.0M	0.0
										CAU0263*SOUTH FORK AMERIA	46.0	46.0	46.0	80.7M	80.7M	17.1M	0.0
										SPK0110*CAN RIVER	1.0	1.0	1.0	1.0M	1.0M	2.3M	0.0
										SALMON FALLS AFTER	47.0	47.0	47.0	687.0M	687.0M	44.0M	0.0
										SPK0111*CAN RIVER	2.0	2.0	2.0	121.0M	121.0M	14.6M	0.0
										SALMON FALLS (ALT)	50.0	50.0	50.0	673.0M	673.0M	14.3M	0.0
										SPK0112*CAN RIVER	57.0	57.0	57.0	120.0M	120.0M	14.5M	0.0
										SILVER FORK PH	46.0	46.0	46.0	160.0M	160.0M	26.7M	0.0
										SPK0113*CAN RIVER	19.5	19.5	19.5	120.0M	120.0M	13.9M	0.0
										SOPIAAGO RESERVOIR	34.0	34.0	34.0	11.0M	11.0M	2.5M	0.0
										SPK0114*	51.2	51.2	51.2	120.0M	120.0M	11.5M	0.0
										SQUAW HOLLOW RES	47.0	47.0	47.0	6.0M	6.0M	1.6M	0.0
										SPK0115*CAN	45.0	45.0	45.0	120.0M	120.0M	6.5M	0.0
										TEXAS HILL RESER	42.0	42.0	42.0	24.0M	24.0M	4.0M	0.0
										VORL	40.0	40.0	40.0	120.0M	120.0M	4.0M	0.0
										VAN WINKLE	42.0	42.0	42.0	120.0M	120.0M	3.7M	0.0
										VOLCANO RESERVOIR	26.4	26.4	26.4	40.0M	40.0M	3.6M	0.0
										SPK0116*	40.0	40.0	40.0	120.0M	120.0M	4.0M	0.0
										WEBBER (ENLARGED)	42.0	42.0	42.0	8.0M	8.0M	1.8M	0.0
										SPK0117*	41.3	41.3	41.3	120.0M	120.0M	3.6M	0.0
										SPK0119*							

CONTINUATION

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 (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, NAVIGATION, WATER SUPPLY, RECREATION,
 (2) = ADDRESS COUNTRY, PEFAM POND, OTHER
 (2) = INSTALLED CAPACITY AND ENERGY
 (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) = TOTAL POTENTIAL CAPACITY AND ENERGY
 (3) = UNINSTALLED CAPACITY AND ENERGY
 (3) = UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	TOE#	NAME OF STREAM	PKJ#	LATITUDE	DRAINAGE AREA	ANNUAL INFLUX	OF	STORAGE	CAPACITY	MAXIMUM ENERGY
		CR RIVER	PURPA	UNR	(SU MI)	(CUM M)	HEAD	DAH	(MWH)	(GWH)
	(1)				(2)		(FT)	(FT)	(3)	(3)
COUNTY NAME: EL DORADO										
MEHREN	*CA022*	WEBBER CREEK	SI	REL DODDAD IR*	3b 43.0	10.0*	17.*	72.*	85.*	1.9E 0.0E 0.
	SPR0120			AN VIST	*120 41.4					
ECHO LAKE	*CA0374*	TRAIL UPPER TRUCKEE	SI	PACIFIC GAS	*38 50.1	33.0*	65.*	6.0*	2.0E	0.0E 0.
	SPR0121	FEARNEA C RIVER	*	ELECT CO	*120 2.0					
EL DORADO FORESEA CANON 5* SALT CANYON	*		*	PACIFIC GAS	*38 46.2	217.0*	522.*	1909.*	62.0*	0.0E 20.0E 97.9
	SPR0122		*	ELECT CO	*120 55.1					
CHILI BAK	*CA0414*	FK AMERICAN KIHN S	*	PACIFIC GAS	*38 46.5	600.0*	1503.*	60.0*	4.0E	7.0E 2.0E 37.0
	SPR0123	VER	*	ELECT CO	*120 48.7					
STUMPY MEADOWS R*CA0407*PILOT CR	*	S I D*GEORGETOWN DR	SI	5b 54.2	12.0*	26.*	129.*	152.*	20.0*	0.0E 0.
ESERVICK	*SPR0124*		*	PRIVATE P.U.D.	*120 56.2					
ICE HOUSE RESERVA*CA0414*	S	SACRAMENTO MR	SI	3b 49.5	27.0*	76.*	112.*	132.*	46.0*	0.0E 0.
DIR	*SPR0125*	SILVER CR	*	UL	*120 21.6					
JUNCTION RESERV*CA0415*	S	SACRAMENTO MR	SI	3b 51.2	142.0*	248.*	1525.*	150.0*	3.0E	133.0E 575.0
IR	*SPR0126*		*	UL	*120 27.2					
UNION VALLEY RES*CA0416*	S	SACRAMENTO MR	SI	3b 52.0	167.0*	246.0*	420.*	425.*	271.*	33.0E 115.0
ERVIR	*SPR0127*	SILVER CR	*	UL	*120 26.3					
CAMINO RESERV*CA0417*	S	S SACRAMENTO MR	SI	3b 49.6	250.0*	44.0*	1065.*	56.0*	1.0E	142.50E 441.6
	SPR0128		*	UL	*120 52.1					
GERIE	*CA0461*	DEERLE CR	*	S D SACRAMENTO MR	5b 56.5	24.0*	132.*	41.*	46.0*	1.0E 0.0E 0.
	SPR0129		*	UL	*120 23.5					
HOBBS PEAK	*CA0419*	FK KURICUM H	*	S D SACRAMENTO MR	38 56.0	85.0*	123.*	356.*	31.0*	0.0E 23.75E 55.0
	SPR0130		*	UL	*120 23.5					
LUON LAKE	*CA0420*	GEFILE CR	*	S D SACRAMENTO MR	39 .02	0.0*	25.*	1153.*	100.0*	77.0E 74.10E 117.0
	SPR0131		*	UL	*120 18.0					
	*	*	*	*	*	*	*	*	*	*

LEGEND

- (1) = Top Line is Inventory of dams cross reference to bottom line defines U.S.A.C.E. office and site ID.
- (2) = Project purpose: Irrigation, Hydroelectric, Flood Control, Navigation, Dredging, Control, Reform Pond, Dredge
- (3) = Existing dam capacity and energy
- (3) = New incremental potential capacity and energy
- (3) = Total potential capacity and energy
- (3) = Undeveloped sites

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

	IDENT	NAME OF STREAM	PROJ#	PLATITUDE	DRAINAGE AREA	ANNUAL POWER	NET HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
PROJECT NAME	N	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N	N	N	N
N	(1)	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	N	N	N	N
COUNTY NAME:	EL DORADO										
BUCK ISLAND RESERVOIR	LITTLE MUGICUN	*DISH	*SACRAMENTO MILE 39	*2	*31.00	*123.0	*15.0	*15.0	*1.0E	*0.34E	*0.
RUDIR	*SPR0132*		*SPR0132*		*120 15.2						
RUBICON RESERVOIR	SACRAMENTO RIVER	*SACRAMENTO	*SACRAMENTO MILE 38	*59.3	*27.00	*110.0	*26.0	*30.0	*1.0E	*0.73E	*0.
N	*SPR0133*		*SPR0133*		*120 15.5						
SLAB CRK	*CA0023* FK AMERICA	*SACRAMENTO	*SACRAMENTO MILE 38	*46.4	*49.00	*614.0	*634.0	*213.0	*17.0E	*190.00E	*618.6
	SPR0134		*SPR0134*		*120 42.0						
BRUSH CRK	*CA0024* KUCHUK CR	*SACRAMENTO	*SACRAMENTO MILE 38	*28.2	*6.00	*18.0	*174.0	*205.0	*2.0E	*0.31AN	*2.1
	SPR0135		*SPR0135*		*120 37.2						
JENKINSON LAKE	(*CA0107* SILY PARK CREEK ONTARIO DUE USHR	*SILY PARK CREEK	*SILY PARK CREEK ONTARIO DUE USHR	*42.0	*16.00	*27.0	*165.0	*170.0	*44.0E	*0.4E	*0.
	SLYPARK DAM										
COUNTY NAME:	PREBONDO										
ALCALDE RANCH	*CAU0037* MARTHA CRK										
	SPR0137										
CEDAR GROVE	*CAU076* SOUTH FUNK KING										
	SPR0138										
VINKEY MEADOW RESERVOIR	RECAU0109* VINKEY CREEK										
	SPR0139										
JACALITOS	*CAU0162* JACALITOS CRK										
	SPR0140										
JUNCTION RESERVOIR	*CAU0164* KING'S RIVER IR										
	SPR0141										
KELLERS RANCH	*CAU0171* KING'S RIVER										
	SPR0142										

LEGEND

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- (2) = USED/WIS CONTROL, PEAK/POND, DEUTHER
- (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	TOENT	NAME OF STREAM	PROJ#	UNKWN	WLATITUDE	WLONGITUDE	AREA	INFLUN	MEAD	DAM	NET CAPACITY	MAXIMUM ENERGY
		CH RIVER	(1)	(2)	(M, N)	(M, H)	(SQ MI)	(CFS)	(FT)	(AC FT)	(MH)	(GWH)
COUNTY NAME: PLACO												
LITTLE DRY CREEK	CA00235	LITTLE DRY CREEK			36 56.0	40.0	0.0	2000	123.0	131.0	36.0	0.0
	SPR0143				36 56.0	40.0	0.0				36.0	0.0
MILL CREEK	CA00268	MILL CREEK			36 41.4	41.4	0.0				36.0	0.0
	SPR0144				36 46.0	46.0	0.0				36.0	0.0
NUNEZ RANCH	CA00223	LOS GATOS CRK			36 22.0	22.0	0.0				355.0	0.0
	SPR0145				36 13.0	13.0	0.0				355.0	0.0
OWEN MOUNTAIN RE	CA00231	LITTLE DRY CREEK			36 27.5	27.5	0.0				355.0	0.0
SEVOURIR	*SPR0146*				36 56.9	56.9	0.0				355.0	0.0
ROSS	CA00259	DINKEY CREEK			36 40.0	40.0	0.0				355.0	0.0
	SPR0147				36 59.0	59.0	0.0				355.0	0.0
TEMPISTE	CA00299	MIDDLE FORK KING			36 7.0	7.0	0.0				355.0	0.0
	SPR0148				36 51.0	51.0	0.0				355.0	0.0
VALCH DIVERSION	CA00335	F. KINGS RIVER			36 52.0	52.0	0.0				355.0	0.0
	SPR0149				36 55.2	55.2	0.0				355.0	0.0
BALCH AFTERBAY	CA00364	FK KINGS RIVER			36 1.5	1.5	0.0				355.0	0.0
	SPR0150				36 54.4	54.4	0.0				355.0	0.0
WISHON	CA00411	FK KINGS RIVER			36 6.0	6.0	0.0				355.0	0.0
	SPR0151				36 57.1	57.1	0.0				355.0	0.0
COURTRIGHT MESEN	CA00412	AFMLS CREEK			36 54.4	54.4	0.0				355.0	0.0
YORR	*SPR0152*				36 57.9	57.9	0.0				355.0	0.0
HEAR CREEK DIVER	CA00426	BEAK CREEK			37 20.1	20.1	0.0				355.0	0.0
SIGN	*SPR0153*				37 58.2	58.2	0.0				355.0	0.0
BIG CREEK NO 5	CA00431	12.0 CREEK			37 4.0	4.0	0.0				355.0	0.0
	SPR0154				37 57.9	57.9	0.0				355.0	0.0
	*				37 54.0	54.0	0.0				355.0	0.0
	*				37 50.0	50.0	0.0				355.0	0.0
	*				37 49.0	49.0	0.0				355.0	0.0
	*				37 40.0	40.0	0.0				355.0	0.0
	*				37 37.0	37.0	0.0				355.0	0.0
	*				37 32.0	32.0	0.0				355.0	0.0
	*				37 12.0	12.0	0.0				355.0	0.0
	*				37 1.0	1.0	0.0				355.0	0.0
	*				37 0.0	0.0	0.0				355.0	0.0
	*				37 47.0	47.0	0.0				355.0	0.0
	*				37 40.0	40.0	0.0				355.0	0.0
	*				37 37.0	37.0	0.0				355.0	0.0
	*				37 34.0	34.0	0.0				355.0	0.0
	*				37 31.0	31.0	0.0				355.0	0.0
	*				37 28.0	28.0	0.0				355.0	0.0
	*				37 25.0	25.0	0.0				355.0	0.0
	*				37 22.0	22.0	0.0				355.0	0.0
	*				37 19.0	19.0	0.0				355.0	0.0
	*				37 16.0	16.0	0.0				355.0	0.0
	*				37 13.0	13.0	0.0				355.0	0.0
	*				37 10.0	10.0	0.0				355.0	0.0
	*				37 7.0	7.0	0.0				355.0	0.0
	*				37 4.0	4.0	0.0				355.0	0.0
	*				37 1.0	1.0	0.0				355.0	0.0
	*				37 0.0	0.0	0.0				355.0	0.0
	*				37 30.0	30.0	0.0				355.0	0.0
	*				37 27.0	27.0	0.0				355.0	0.0
	*				37 24.0	24.0	0.0				355.0	0.0
	*				37 21.0	21.0	0.0				355.0	0.0
	*				37 18.0	18.0	0.0				355.0	0.0
	*				37 15.0	15.0	0.0				355.0	0.0
	*				37 12.0	12.0	0.0				355.0	0.0
	*				37 9.0	9.0	0.0				355.0	0.0
	*				37 6.0	6.0	0.0				355.0	0.0
	*				37 3.0	3.0	0.0				355.0	0.0
	*				37 0.0	0.0	0.0				355.0	0.0
	*				36 30.0	30.0	0.0				355.0	0.0
	*				36 27.0	27.0	0.0				355.0	0.0
	*				36 24.0	24.0	0.0				355.0	0.0
	*				36 21.0	21.0	0.0				355.0	0.0
	*				36 18.0	18.0	0.0				355.0	0.0
	*				36 15.0	15.0	0.0				355.0	0.0
	*				36 12.0	12.0	0.0				355.0	0.0
	*				36 9.0	9.0	0.0				355.0	0.0
	*				36 6.0	6.0	0.0				355.0	0.0
	*				36 3.0	3.0	0.0				355.0	0.0
	*				36 0.0	0.0	0.0				355.0	0.0
	*				35 30.0	30.0	0.0				355.0	0.0
	*				35 27.0	27.0	0.0				355.0	0.0
	*				35 24.0	24.0	0.0				355.0	0.0
	*				35 21.0	21.0	0.0				355.0	0.0
	*				35 18.0	18.0	0.0				355.0	0.0
	*				35 15.0	15.0	0.0				355.0	0.0
	*				35 12.0	12.0	0.0				355.0	0.0
	*				35 9.0	9.0	0.0				355.0	0.0
	*				35 6.0	6.0	0.0				355.0	0.0
	*				35 3.0	3.0	0.0				355.0	0.0
	*				35 0.0	0.0	0.0				355.0	0.0
	*				34 30.0	30.0	0.0				355.0	0.0
	*				34 27.0	27.0	0.0				355.0	0.0
	*				34 24.0	24.0	0.0				355.0	0.0
	*				34 21.0	21.0	0.0				355.0	0.0
	*				34 18.0	18.0	0.0				355.0	0.0
	*				34 15.0	15.0	0.0				355.0	0.0
	*				34 12.0	12.0	0.0				355.0	0.0
	*				34 9.0	9.0	0.0				355.0	0.0
	*				34 6.0	6.0	0.0				355.0	0.0
	*				34 3.0	3.0	0.0				355.0	0.0
	*				34 0.0	0.0	0.0				355.0	0.0
	*				33 30.0	30.0	0.0				355.0	0.0
	*				33 27.0	27.0	0.0				355.0	0.0
	*				33 24.0	24.0	0.0				355.0	0.0
	*				33 21.0	21.0	0.0				355.0	0.0
	*				33 18.0	18.0	0.0				355.0	0.0
	*				33 15.0	15.0	0.0				355.0	0.0
	*				33 12.0	12.0	0.0				355.0	0.0
	*				33 9.0	9.0	0.0				355.0	0.0
	*				33 6.0	6.0	0.0				355.0	0.0
	*				33 3.0	3.0	0.0				355.0	0.0
	*				33 0.0	0.0	0.0				355.0	0.0
	*				32 30.0	30.0	0.0				355.0	0.0
	*				32 27.0	27.0	0.0				355.0	0.0
	*				32 24.0	24.0	0.0				355.0	0.0
	*				32 21.0	21.0	0.0				355.0	0.0
	*				32 18.0	18.0	0.0				355.0	0.0
	*				32 15.0	15.0	0.0				355.0	0.0
	*				32 12.0	12.0	0.0				355.0	0.0
	*				32 9.0	9.0	0.0				355.0	0.0
	*				32 6.0	6.0	0.0				355.0	0.0
	*				32 3.0	3.0	0.0				355.0	0.0
	*				32 0.0	0.0	0.0				355.0	0.0
	*				31 30.0	30.0	0.0				355.0	0.0
	*				31 27.0	27.0	0.0				355.0	0.0
	*				31 24.0	24.0	0.0				355.0	0.0
	*				31 21.0	21.0	0.0				355.0	0.0
	*				31 18.0	18.0	0.0				355.0	0.0
	*				31 15.0	15.0	0.0				355.0	0.0
	*				31 12.0	12.0	0.0				355.0	0.0
	*				31 9.0	9.0	0.0				355.0	0.0
	*				31 6.0	6.0	0.0				3	

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM OR RIVER	NUMBER	NAME OF STREAM OR RIVER	NUMBER	ALITUDE A LEVEN (DH.M)	ALITUDE A LEVEN (S.G.H.)	DRAINAGE AREA INFLUX (CFS)	ANNUAL FLOW IN FT. (AC FT)	NET HEAD IN FT. (FT)	STORAGE CAPACITY (MM) (CU FT)	MAXIMUM CAPACITY (G.M) (AC FT)
COUNTY NAMES PRENO												
FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF												

BIG CREEK NO 0 (CAL00432) SAN JOAQUIN RIVER												
INVERSION DAM) *SPK0159*												
FLORENCE LAKE												
CAU0433 FR SAN JOAQUIN RIVER												
HUNTINGTON LAKE												
CA00434 BIG CREEK												
NO 1 *SPK0151*												
SHAYER LAKE												
CA00437 STEVENSON CREEK												
SPK0152												
BIG CREEK NO 7 (CAU0435) SAN JOAQUIN RIVER												
REDINGER LAKE) *SPK0159*												
LAKE THOMAS A ECAUG041* MUNING CREEK												
ISON OVERFALLION SPK0150*												
MAMMOTH POOL RESCAJ043* SAN JOAQUIN RIVER												
S ERVOIR *SPK0161*												
BIG DRY CREEK RECA0107* BIG DRY CREEK												
SERVOIR *SPK0162*												
BIG CREEK NO 2 PECAD0043* BIG CREEK												
H *SPK0163*												
PINE FLAT LAKE												
CA1012 KINGS RIVER												
SPK0164												
MILLERTON LAKE (CAL01054) SAN JOAQUIN RIVER												
FRIANT DAM) *SPK0165*												

LEGEND

- (1) = TOP LINE TO INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT NUMBER; LITERIGATION, HYDROELECTRIC, CELLOID CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
- (2) = PROJECT NUMBER, CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
- (3) = INSTALLED CAPACITY AND ENERGY NAME, INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PHC#	OWNER	LATITUDE	DRAUGHTS	ANNUAL # OF INFLUX	STORAGE	MAXIMUM CAPACITY	ENERGY
	(1)	IN RIVER	PUNPA					(MM)	(MM)	(MM)
	(2)							(CFS)	(FT)	(GWH)
	(3)								(AC FT)	(AC FT)
COUNTY NAME: GLENN										
CLARK VALLEY		CAJUBBS & FK WILLIAMS CR.			39 52.5	54.0A	79.0	64.0	6.0	0.0
		SPKO166			39 22 23.0					
HIGH PEAK		CAU014 HUNTER'S CREEK			39 23.5	17.0	34.0	54.0	11.0	0.0
		SPKO157			39 22 20.0					
HANCHERIA		CAU025 & STONY CREEK			39 39.0	597.0A	336.0	400.0	5040.0	0.0
		SPKO168			39 23.5					
SQUAW FLAT		CAU025 ALLEGAN CREEK			39 28.5	21.0A	43.0	44.0	6.0	0.0
		SPKO169			39 22 20.0					
STONY GORGE RESER	CA1014	STONY CREEK			39 32.0	301.0A	503.0	113.0	59.0E	0.0
HOVOK		SPKO170			39 31.4					
COUNTY NAME: MENDOCINO										
SEGUINIA		CAU016 T. RIVER			40 1.0	2220.0A	4745.0	615.0	5000.0	0.0
		SPKO008			42.3 4.7					
LARABEE		CAU020 & FK VAN DUZEN			40 2.0	56.0A	205.0	148.0	70.0	0.0
		SPKO011			42.3 4.0					
YAGFR		CAU023 YAGART CREEK			40 3.4	115.0A	295.0	148.0	120.0	0.0
		SPKO012			42.4 0					
COUNTY NAME: IMPERIAL										
IMPERIAL DIVERSITY	CA1015	CA1015 & COLCAUD UN			32 23.0	187000.0A	11250.0	17.0	23.0	90.0E
		SPKO073			41.4 26.0					AN
(SENATOR WASH RECA1017) SINKATION WASH OFFICER		SENATOR WASH RECA1017 SINKATION WASH OFFICER			32 24.7	1.0A	1.0	39.0	16.0E	0.0E
SERVOIR) NORTH	SPKO074	CA1015 & COLCAUD UN			41.4 26.7					AN

LEGEND

- (1) = TOP LYNE IS INVENTORY OF DAMS CR 15 REFERENCE ID.
- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CUTOFF CONTROL, NAVIGATION, SEWERAGE, RECREATION,
- (3) = DEBWEWS CONTROL, PEFAHN POND, DEUTHEN
- (4) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (5) = INSTALLED CAPACITY AND ENERGY
- (6) = UNINSTALLED CAPACITY AND ENERGY
- (7) = TENTATIVE POTENTIAL CAPACITY AND ENERGY
- (8) = FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	UNIQUE	LATITUDE	LONGITUDE	AVGUE	NET HEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
SENATOR WASH (HE=California SENATOR WASH=ALSOH)	SPL50010	SENATOR WASH	DU1 USBH	32 53.4	1.0N	1.0W	61.0	76.0	16.0E	7.0E	20E	3.6
SERVOIR	SPL50010	SENATOR WASH OFFSTREAM	DU1 USBH	28.5								0.
SENATOR WASH HE=CA1019A SENATOR WASH OFF=UHM	SPL0075	SENATOR WASH	DU1 USBH	54.5	1.0N	1.0W	50.0	64.0	16.0E	0.	0E	0.
RESERVOIR SQUAN LAKE=SPL0075	SPL0075	OFFSTREAM	DU1 USBH	28.7								0.
COUNTY NAME: INYO												
HAIWEE	CAU0004	*CITY OF LUS	SPK0176*	30 56.2	89.0		43.0	55.0	65.0	59.0E	5.00E	35.0
		CITY OF LUS	SPK0176	56.4								0.
TINEMAHIA	CAU0004	*CITY OF LOS	SPK0177*	37 3.5	1915.0N		579.0	26.0	35.0	16.0E	0.	0.
		CITY OF LOS	SPK0177	13.5								0.
PLEASANT VALLEY	CAU0096	*CITY OF LOS	SPK0178*	37 24.0	574.0N		293.0	65.0	76.0	4.0E	3.0E	11.0
		CITY OF LOS	SPK0178	31.2								0.
COUNTY NAME: KERN												
ANT HILL	CAU0040	*CAUCHEK RIVER	SPK0179*	26.0	2420.0		160.0	174.0	0.0	70.0U	0.	0.
		CAUCHEK RIVER	SPK0179	53.0								0.
CANEBREAK	CAU0072	*CAUCHEK CREEK	SPK0179*	43.1	29.0		14.0	74.0	100.0	5.0U	0.	0.
KELSO	CAU0174	*KELSC CREEK	SPK0179*	53.0	83.0		51.0	44.0	60.0	6.0U	0.	0.
UNYX	CAU0230	*KERN RIVER	SPK0179*	43.0	475.0N		98.0	1610.0	0.0	72.0U	0.	0.
PO90	CAU0240	*KERN RIVER	SPK0179*	31.5	230.0		121.0	96.0	0.0	52.0E	52.0E	88.9
		KERN RIVER	SPK0179	56.0								0.

LEGEND

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- (2) = PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, SEMATEH SUPPLY, RECREATION,
- (2) = Dams/Levees Control, Pefarm Fonds, Dams/Levees, Navigation, Semateh Supply, Recreation,
- (3) = INSTALLED CAPACITY AND ENERGY NNEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = INSTALLED CAPACITY AND ENERGY TTOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWEN SITES
IN THE STATE OF CALIFORNIA

(07/09/19)

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	OWNER	LATITUDE	DRAINAGE AREA	ANNUAL FLOW	OPN HRS	STORAGE CAPACITY	MAXIMUM ENERGY (GWh)
KERN RIVER STATE CA 00720+TH KERN R PARK LAKE	SPK0176*	KERN RIVER	(2)	EDISON EDISON CO #118	35 31.5	2273.0*	575.0	28.0	0.0E	16.00E 139.0
KERN RIVER NO. 1 CA 00429+KERN RIVER POWERHOUSE	SPK0176*	KERN RIVER	(1)	EDISON EDISON CO #118	40.4	2400.0*	456.0	12.0	1.0E	5.00E 41.0
KERN RIVER NO. 3 CA 00610+KERN RIVER	SPK0177*	KERN RIVER	(1)	EDISON EDISON CO #118	52.0	452.0*	601.0	621.0	0.0E	3.21E 7.7
KERN CANYON PH	SPK0179*	KERN CANYON PH	(1)	EDISON EDISON CO #118	27.0	0.0*	0.0	0.0	0.0E	0.0E 0.0
ISABELLA LAKE	SPK0180*	ISABELLA LAKE	(1)	EDISON EDISON CO #118	26.0	0.0*	0.0	0.0	0.0E	0.0E 0.0
ISABELLA LAKE	SPK0180*	ISABELLA LAKE	(1)	EDISON EDISON CO #118	47.4	0.0*	0.0	0.0	0.0E	0.0E 0.0
CRAZY CREEK RES	SPK0181*	CRAZY CREEK	(1)	EDISON EDISON CO #118	28.4	2074.0*	450.0	261.0	173.0	842.0E 64.0
COLLAYOME	SPK0182*	COLLAYOME	(1)	EDISON EDISON CO #118	51.0	0.0*	0.0	0.0	0.0E	0.0E 0.0
COYOTE CREEK RES	SPK0183*	COYOTE CREEK RES	(1)	EDISON EDISON CO #118	48.0	0.0*	0.0	0.0	0.0E	0.0E 0.0
EXCELSIOR	SPK0185*	EXCELSIOR	(1)	EDISON EDISON CO #118	54.0	0.0*	0.0	0.0	0.0E	0.0E 0.0
INDIAN VALLEY RES	SPK0186*	INDIAN VALLEY RES	(1)	EDISON EDISON CO #118	53.0	0.0*	10.0	67.0	90.0	38.0E 0.0
SERVOIR	SPK0186*	SERVOIR	(1)	EDISON EDISON CO #118	46.0	197.0*	59.0	80.0	12.0E	0.0E 0.0
CAU009+CACHE CREEK	SPK0187*	CAU009+CACHE CREEK	(1)	EDISON EDISON CO #118	46.0	2.0*	4.0	0.0	0.0E	0.0E 0.0
CAU011+CUPSEY CREEK	SPK0188*	CAU011+CUPSEY CREEK	(1)	EDISON EDISON CO #118	35.0	5.0*	10.0	67.0	90.0	38.0E 0.0
CAU012+CACHE CREEK	SPK0189*	CAU012+CACHE CREEK	(1)	EDISON EDISON CO #118	40.0	194.0*	160.0	160.0	0.0E	0.0E 0.0
CAU013+CACHE CREEK	SPK0190*	CAU013+CACHE CREEK	(1)	EDISON EDISON CO #118	44.5	0.0*	0.0	0.0	0.0E	0.0E 0.0

GENE

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 (2) = PROJECT PURPOSE: IRRIGATION, HYDROPOWER, CEFLOW CONTROL, NAVIGATION, GROUTATE SUPPLY, RECREATION,
 (2) = DEBRIS CONTROL, PEAK PUDU, OTHER
 (3) = E-INSTALLED CAPACITY AND ENERGY
 (3) = NENEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOK EXISTING DAMS)
 (3) = U-INSTALLED CAPACITY AND ENERGY
 (3) = TETOTAL POTENTIAL CAPACITY AND ENERGY
 (3) = FOK UNDEVELOPED SITES

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PHJ#	PLATITUDE & DRAINAGE AREA (U.M.)	ANNUAL HEAD (FT)	INFLOW (CFS)	STORAGE (SQ MI)	MAXIMUM HEAD (FT)	CAPACITY (AC FT)	ENERGY (GK)
KELSEYVILLE LAKE	CAU0173*SPRK0167*	KELSEY CREEK		* 38 55.9 * 43.0 *	87.0	97.0	131.0	50.0	0.0	0.
KENNEDY FLATS	CAU0175*SPRK0168*	CACHE CREEK		* 38 57.0 * 400.0 *	364.0	405.0	548.0	2300.0	0.0	0.
LAKEPORT LAKE	CAU0179*SPRK0169*	SCOTTS CREEK	C	* 39 2.5 * 52.0 *	58.0	146.0	198.0	55.0	0.0	0.
NOYES	CAU0222*SPRK0190*	PUTAH CREEK		* 38 46.5 * 115.0 *	210.0	188.0	255.0	110.0	0.0	0.
PITNEY RIDGE	CAU0246*SPRK0191*	MIDDLE CREEK		* 39 11.0 * 8.0 *	16.0	47.0	64.0	5.0	0.0	0.
PUTAH CREEK CANYON	CAU0249*SPRK0192*	PUTAH CREEK		* 39 48.0 * 113.0 *	169.0	63.0	85.0	6.0	0.0	0.
WILSON VALLEY	CAU0321*SPRK0193*	CACHE CREEK		* 38 57.0 * 800.0 *	364.0	570.0	377.0	1000.0	0.0	0.
LAKE PILLSBURY (SCOTT)	CA00398*SPN0011*	PACIFIC GAS	H	* 39 24.4 * 289.0 *	520.0	100.0	118.0	94.0	0.0	0.
DETERT LAKE	CA00564*SPR0194*	ELECT CO	* 122 57.5 *	* 122 27.0 *	12.0	71.0	64.0	3.0	0.0	0.
COYOTE CR	CA00572*SPR0195*	BOISE CASCADAE	S R	* 38 48.6 * 6.0 *	* 122 33.5 *	* 122 33.5 *	* 122 33.5 *	* 122 33.5 *	* 122 33.5 *	* 122 33.5 *
HIGHLAND CRK	CA00628*SPR0196*	S C HIGHLAND ESTATE	S D	* 39 43.5 * 10.0 *	* 122 31.4 *	* 122 31.4 *	* 122 31.4 *	* 122 31.4 *	* 122 31.4 *	* 122 31.4 *
CLEAR LAKE IMP	CA00911*SPR0197*	RELAKE CTY FCH	S I	* 38 55.0 * 528.0 *	* 122 33.9 *	* 122 33.9 *	* 122 33.9 *	* 122 33.9 *	* 122 33.9 *	* 122 33.9 *

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CAFFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
- (2) = DERRIS CONTROL, PAFARM FUND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES POTENTIAL HYDROPOWER SITES IN THE STATE OF CALIFORNIA

(27/109/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PKCJA CR RIVER	PUPHA	OWNER (2)	LATITUDE (D.M.)	LONGITUDE (D.M.)	AREA (SQ MI)	INFLUW (CFS)	HEAD (FT)	DAM (FT)	AVERAGE POWER (MW)	ANNUAL POWER (MWH)	STORAGE (AC FT)	CAPACITY (MH)	NET HEIGHT (FT)	MAXIMUM HEAD (FT)	FERC REGIONAL OFFICE CODE	FERC POWER SUPPLY AREA	FERC REGIONAL OFFICE CODE
COUNTY NAMES: LASSEN		FERC REGIONAL OFFICE CODE 3F																		
BIG VALLEY	CAU0050*SPK0198*	PIT RIVER	*	*	*	41	1.0	2900.0*	559.	844.0*	0.	1000.0*	0.	0.	0.	184.83*	203.2			
DEVILS CORRAL	CAU0104*SPK0199*	SUSAN RIVER	*	*	*	40	24.0	184.0*	97.	140.0*	169.0*	30.0*	0.	0.	0.	2.97*	7.4			
EAGLE LAKE DIKE	CAU0114*SPK0200*	EAGLE LAKE	*	*	*	41	38.5	226.0*	72.	22.0*	30.0*	63.0*	0.	0.	0.	0.47*	1.1			
FOURTH BUTTE	CAU0130*SPK0201*	PIT RIVER	*	*	*	39	59.0	2690.0*	3024.0*	1118.0*	160.0*	90.0*	0.	0.	0.	90.43*	238.8			
LITTLE VALLEY	CAU0148*SPK0202*	HORSE CREEK	*	*	*	40	52.5	59.0*	51.0*	52.0*	70.0*	25.0*	0.	0.	0.	0.35*	1.9			
LONG VALLEY	CAU0180*SPK0203*	LONG VALLEY CREEK	*	*	*	39	53.5	120.0*	132.0*	77.0*	104.0*	20.0*	0.	0.	0.	3.11*	6.8			
MCCALLISTER	CAU0198*SPK0204*	WILLOW CREEK	*	*	*	40	26.5	202.0*	107.0*	67.0*	90.0*	8.0*	0.	0.	0.	2.47*	4.5			
PETES VALLEY	CAU0242*SPK0205*	WILL CREEK	*	*	*	40	29.5	244.0*	129.0*	67.0*	90.0*	25.0*	0.	0.	0.	2.99*	5.4			
INDIAN OLE DAM (CA000407 HAMILTON CHEEK MTN MEADOWS RES) SPK0206*	*	PACIFIC GAS & ELECT CO	*	*	*	40	17.0	158.0*	232.0*	410.0*	18.0*	25.0*	0.	0.	0.	5.39*	15.0			
ROUND VALLEY	CAU00509*SPK0207*	ROUND VALLEY CR	S I	JACK + THUMA	40	31.0	10.0*	18.0*	34.0*	40.0*	6.0*	0.	0.	0.	0.27*	0.4				
RED ROCK NO.3	CA00510*SPK0208*	RED ROCK CR	S I	D DUDGE RANCH	40	58.1	2.0*	6.0*	46.0*	56.0*	10.0*	0.	0.	0.	0.13*	0.2				
COYOTE FLAT RESE CA00513*SPK0209*	*	COYOTE CR	S I	D T. E. CONNOL	40	54.5	30.0*	216.0*	36.0*	42.0*	5.0*	0.	0.	0.	0.30*	5.5				

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 (2) = PROJECT PURPOSE: (1)=IRRIGATION, (2)=HYDROELECTRIC, (3)=FLOOD CONTROL, (4)=NAVIGATION, (5)=WATER SUPPLY, (6)=RECREATION.
 (P) = Dams
 (P) = PAFM POND NUMBER
 (3) = INSTALLED CAPACITY AND ENERGY
 (3) = UNINSTALLED CAPACITY AND ENERGY
 (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) = TOTAL POTENTIAL CAPACITY AND ENERGY
 (3) = FOR UNDEVELOPED SITES

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	LATITUDE	LONGITUDE	DRAINAGE AREA	ANNUAL SPWN	NET HEIGHT	MAXIMUM	STORAGE CAPACITY	ENERGY
	(1)	CR RIVER	PURP	OWNER	(CDM)	(SQ MI)	(CFS)	IN FT	DAH	(MM)	(GWH)
COUNTY NAME: LASSEN											
LAKE LEAVITT	*CA00516*TH SUSAN RIVER	*S I	*LASSEN INRIGE	40 22.6	9.08	20.0	13.0	15.0	14.0E	0.	0.
	SPK0210	*	CU	*120 30.4	*	*	*	*	*	*	*
MCCOY FLAT RESER.	*CA00517*SUSAN RIVER	*S I	*LASSEN INRIGE	40 27.2	110.0*	100.0	14.0	17.0	17.0E	0.	0.
VOIR	*SPK0211*	*	CN	*120 56.5	*	*	*	*	*	*	*
HEATH RESERVOIR	*CA00525*BLAITE CR	*D I H.G.	R. HEATH	40 50.5	22.0*	158.0	34.0	40.0	9.0E	0.	0.
	SPK0212	*	*	*120 47.1	*	*	*	*	*	*	*
TULE LAKE	*CA00956*CECILIA CR	*S I	*OCCIDENTAL PT	41 5.0	82.0*	26.0	8.0	9.0	40.0E	0.	0.
	SPK0213	*	*ET L+U CRHP	*120 22.0	*	*	*	*	*	*	*
HAT CREEK NO.1	*CA00831*HAT CREEK	*H	*PG AND E	40 55.0	-0.0	0.0	21.7	-0.0	0.0E	10.00E	19.3
H	*SPK0214*	*	*	*121 32.5	*	*	*	*	*	*	*
COUNTY NAME: LOS ANGELES											
JACKASS MEADOW	*CA01154*JACKASS CREEK	*CR	*	*	*	*	*	*	*	*	*
	SPK0215	*	*	*37 28.6	11.0*	14.0	17.5	0.0	95.0U	0.	0.
	*	*	*	*119 18.0	*	*	*	*	*	*	*
CASTAIC	*CA00044*CASTAIC CR	*I R S+CAL DEPT	WATE	34 31.2	154.0*	41.0	272.0	320.0	324.0E	56.00E	60.0
	SPL0079	*	TER RES	*116 36.2	*	*	*	*	*	*	*
PYRAMID	*CA00052*PINH CREEK	*I R S+CAL DEPT	WATE	34 38.7	293.0*	125.0	303.0	358.0	171.0E	0.	0.
	SPL0080	*	TER RES	*118 45.8	*	*	*	*	*	*	*
LOWER SAN FERNANDO	*CA00076*SAN FERNANDO CRES	*CITY OF LOS	*	34 17.1	13.0*	0.0	112.0	132.0	21.0E	0.	0.
DO	*SPL0081*EK	*	*ANGELES	*116 28.7	*	*	*	*	*	*	*
BOUQUET CANYON	*CA00084*HUCHOLET CREEK	*S	*CITY OF LOS	34 32.4	14.0*	0.0	149.0	175.0	37.0E	0.	0.
	SPL0082	*	*ANGELES	*118 23.0	*	*	*	*	*	*	*
BIG DALTON	*CA00187*BIG DALTON CR	*ALUS ANGELES	*	34 10.2	5.0*	2.0	106.0	143.0	1.0E	0.	0.
	SPL0083	*	*COUNTY FCD	*117 48.5	*	*	*	*	*	*	*

LEGEND

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- (2) = PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION.
- (2) = DEBRAIS CONTROL, PEARL POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY NAME: INCREMENTAL POTENTIAL CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNDEVELOPED SITES

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07 / 09 / 79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	OWNER	LATITUDE N (DEG.)	LONGITUDE E (DEG.)	AREA (SQ M)	INFLDN (CFS)	HEAD (FT)	POWER AC FT)	CAPACITY (MH)	STORAGE (AC FT)	NET WEIGHT MAXIMUM	AVERAGE	MAXIMUM	ENERGY	
																	DAM *
FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE GF																	
COUNTY NAME: LOS ANGELES																	
BIG SANTA ANITA	ACA00168	TWI RIO MONDO	11 S	LOS ANGELES	34	11.0	11.0N	7.0	160.	216.	1.0E	0.	0.	0.	0.	0.	
	SPL004			*COUNTY FCD	1118	1.1					*N	*N	*N	*N	*N	*N	*N
DEVILS GATE	ACA00169	ARROYO SECO	11 C	LOS ANGELES	34	11.1	32.0*	9.0	62.	84.	3.0E	0.	0.	0.	0.	0.	
	SPL5002			*COUNTY FCD	1118	10.5					*N	*N	*N	*N	*N	*N	*N
COGSWELL	ACA0190	FK SAN GABRIEL H	11 S	LOS ANGELES	34	14.7	39.0*	25.0	181.	245.	9.0E	0.	0.	0.	0.	0.	
	SPL0056			*COUNTY FCD	1117	57.9					*N	*N	*N	*N	*N	*N	*N
BIG TUJUNGA	ACA00191	BIG TUJUNGA CREEK	11 S	LOS ANGELES	34	17.6	62.0*	22.0	137.	186.	6.0E	0.	0.	0.	0.	0.	
	SPL0067			*COUNTY FCD	1118	11.2					*N	*N	*N	*N	*N	*N	*N
PACOTIMA	ACA00193	PACOIMA CREEK	11 C	LOS ANGELES	34	20.1	26.0*	9.0	222.	300.	3.0E	0.	0.	0.	0.	0.	
	SPL0054			*COUNTY FCD	1118	23.7					*N	*N	*N	*N	*N	*N	*N
PUDDINGSTONE	ACA0194	WALNUT CREEK	11 C	LOS ANGELES	34	5.3	32.0*	10.0	100.	135.	17.0E	0.	0.	0.	0.	0.	
	SPL0059			*COUNTY FCD	1117	48.7					*N	*N	*N	*N	*N	*N	*N
SAN DIMAS	ACA00195	SAN DIMAS CREEK	11 C	LOS ANGELES	34	9.3	16.0*	5.0	81.	109.	2.0E	0.	0.	0.	0.	0.	
	SPL0050			*COUNTY FCD	1117	46.3					*N	*N	*N	*N	*N	*N	*N
SAN GABRIEL	ACA0200	SAN GABRIEL RIVE+C	11 C	LOS ANGELES	34	12.4	203.0*	14.5	208.	282.	46.0E	0.	0.	0.	0.	0.	
	SPL0091			*COUNTY FCD	1117	51.5					*N	*N	*N	*N	*N	*N	*N
MORRIS	ACA0216	SAN GABRIEL RIVES	11 C	METROPOLITAN	34	10.4	217.0*	99.0	208.	245.	30.0E	0.	0.	0.	0.	0.	
	SPL0052			*WATER DIST	1117	52.8					*N	*N	*N	*N	*N	*N	*N
LITTLENECK	ACA0237	LITTLEROCK CREEK+I	11 S	LITTLE ROCK P	34	29.1	64.0*	16.0	94.	110.	4.0E	0.	0.	0.	0.	0.	
	*SPL0093			*SALMIDLE ID	1118	1.3					*N	*N	*N	*N	*N	*N	*N
COUNTY NAME: MADERA																	
CHIQUITO RESERVOIR	ACA00194	CHIQUITO CREEK	11 C		37	24.3	146.0*	86.	1650.	158.	75.0U	0.	0.	0.	0.	0.	
	R				1119	22.3					*T	40.98BT	84.8				

ELEGEND

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 - (2) ■ PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION, DREDGES CONTROL, PEAK MONITORING, OTHER
 - (3) ■ E=INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 - (3) ■ U=INSTALLED CAPACITY AND ENERGY TENTATIVE POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT	NAME OF STREAM	PRJ#	Latitude	Longitude	AVERAGE LENGTH	NET HEIGHT	MAXIMUM POWER	STORAGE CAPACITY	ENERGY
				CR RIVER	CREEK	(M)	(ft)	(kW)	(hr)	(GWh)
FIGARDEN	CAU0123	SAN JOAQUIN RIVER	SPK0217R	* 36 50.7	* 1703.0	* 1956.0	* 55.0	* 65.0	* 94.0	* 0.
FORKS	CAU0126	SAN JOAQUIN RIVE	SPK0218R	* 37 28.6	* 393.0	* 730.0	* 710.0	* 300.0	* 35.0	* 0.
JACKASS	CAU0163	NORTH FOHK SAN J*	SPK0219*	* 37 30.4	* 48.0	* 81.0	* 2990.0	* 350.0	* 150.0	* 0.
LEWIS	CAU0182	LEWIS CREEK	SPK0221*	* 37 22.1	* 26.0	* 49.0	* 92.0	* 125.0	* 15.0	* 0.
MIAMI	CAU0202	MIANI CREEK	SPK0222*	* 37 24.7	* 12.0	* 21.0	* 89.0	* 120.0	* 5.0	* 0.
MILLER BRIDGE	CAU0209	SAN JOAQUIN RIVE	SPK0223R	* 37 30.7	* 249.0	* 465.0	* 875.0	* 305.0	* 63.0	* 0.
WELDER	CAU0216	WELDER CREEK	SPK0224*	* 37 22.1	* 10.0	* 17.0	* 116.0	* 160.0	* 15.0	* 0.
WINDY GAP	CAU0279	NORTH FORK WILLO	SPK0225W	* 37 24.5	* 17.0	* 30.0	* 72.0	* 97.0	* 8.0	* 0.
TEMPERANCE FLAT	CAU0300	SAN JOAQUIN RIVE	SPK0226R	* 37 4.1	* 1480.0	* 1447.0	* 443.0	* 600.0	* 1100.0	* 0.
HASS LAKE (CRANE)	CAU0337	PACIFIC GAS	SPK0227*	* 37 17.5	* 50.0	* 82.0	* 118.0	* 130.0	* 45.0	* 5.1
VALLEY STORAGE	SPK0228*	RIVER	ELECT CO	* 37 31.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.

LEGEND

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- (2) = DEBRIS CONTROL, PERARM POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	COUNTRY NUMBER	PROJ. PURP.	OWNER	LATITUDE	LONGITUDE	POWER	ANNUAL ENERGY	STORAGE	CAPACITY	MAXIMUM	NET	AVERAGE
(2) FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF												
(3) COUNTY NAME: MADERA												

CORRINE LK (SAN JACAO 033HATRI N FK SAN JOAHH		PACIFIC GAS	37 9.5	51.0	85.0	47.0	15.0	0.0	0.0	34.0E	1.7	
DAUIN NO 1A FOR SPK0229*JULIN RIVER		ELECT CO	419 29.5							0.0	0.0	
SAN JOAQUIN P.H. CA00339*TRI N FK SAN JOAHH		PACIFIC GAS	37 15.2	50.0	85.0	402.0	25.0	0.0	0.0	4.00E	17.5	
NO. 3 FOREBAY *SPK0230*QUIN RIVER		ELECT CO	419 31.8							0.0	0.0	
KERCKHOFF DIVERS CA00340*SAN JOAQUIN RIVER*H		PACIFIC GAS	37 7.7	1461.0	2372.0	350.0	83.0	4.0	34.08E	264.1		
ION *SPK0231*H		ELECT CO	419 31.5							100.0	0.0	
MANZANITA LK (SAN CA00342*N FK SAN JOAQUIN*		PACIFIC GAS	37 14.6	50.0	85.0	404.0	24.0	0.0	0.0	2.88E	22.0	
JOAQUIN NO 2 FD*SPK0232* RIVER		ELECT CO	419 30.9							0.0	0.0	
WISHON POWERHOUSE CA00346*WILLOW CREEK		PPG AND E	37 9.0	40.0	0.0	1411.0	-0.0	0.0	0.0	12.80E	94.2	
E *SPK0233*			419 30.2							815.0	142.7	
BIG CREEK NO. H PACAO 027*BIG CREEK	H	SOUTHERN CAL	37 12.0	-0.0	0.0	715.0	-0.0	0.0	0.0	58.50E	317.0	
H *SPK0234*		EDISON CO	419 19.8							0.0	0.0	
H V EASTMAN LAKE CA10244*CHOCOCHILLA RIVER*CIH		DAEN SPK	37 13.0	254.0	102.0	159.0	200.0	192.0	0.0	0.0		
(BUCHANAN DAM) *SPK0235*			419 59.0							3.26E	5.6	
HENSLEY LAKE CHI CA10244*FRESNO RIVER		DAEN SPK	37 6.6	258.0	106.0	81.0	151.0	118.0	0.0	*E	0.0	
DOEN DAM) *SPK0236*			419 53.0							2.06N	3.2	

(4) COUNTY NAME: MARIN												

CAUZO ORLAGUITAS CREEK *S		MARIN MUN WA	37 59.8	11.5	4.0	149.0	175.0	17.0	0.0	*E	0.0	
KENT LAKE *SPK0012*		STER DIST	42.2							0.16N	.2	
NICASIO RESERVOIR*CA00209*MICASTO CREEK	R	MARIN MUN WA	38 4.6	36.0	23.0	85.0	100.0	23.0	0.0	*E	0.0	
SPK0013		STER DIST	45.2							0.82N	.8	

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- (3) = DEATHS CONTROL, PFAWN FOND, AUTHORITY
- (4) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (5) = NEW INCREAMENTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)
- (6) = TENTUAL POTENTIAL CAPACITY AND ENERGY
- (7) = UNINSTALLED CAPACITY AND ENERGY

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PHUJ*	CHAKER	SLATITUDE	DRAINAGE AREA	ANNUAL POWER	NET HEIGHT*	AVERAGE	MAXIMUM	STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	PHUP*	(2)*	(DM.M.)	(30 MI) *	(CFM) *	(ft)	OF	DAH	HEAD	(1000 FT) *	(GWH)
COUNTY NAME: MARIPOSA													
BAGBY		*CAU0147*MERCED RIVER	*	*	* 37 36.0 *	* 912.0 *	* 1152. *	* 400. *	* 0. *	* 415. *	* 0. *	* 0. *	* 0.
		SPK0237	*	*	* 120 7.7 *	*	*	*	*	*	*	*	* 147. *
COULTERVILLE		*CAU0094*MAYWELL CREEK	*	*	* 37 39.0 *	* 5.0 *	* 2. *	* 146. *	* 200. *	* 22. *	* 0. *	* 0. *	
		SPK0238	*	*	* 120 22.1 *	*	*	*	*	*	*	*	* .08*
HITE COVE		*CAU0148*SOUTH FORK MERCE*	*	*	* 37 38.0 *	* 165.0 *	* 348. *	* 1000. *	* 0. *	* 50. *	* 0. *	* 0. *	
		SPK0239	*	*	* 119 50.0 *	*	*	*	*	*	*	*	* 140. *
MARGUERITE		*CAU0197*DUTCHMAN AND DEA*	*	*	* 37 14.0 *	* 59.0 *	* 35. *	* 24. *	* 32. *	* 13. *	* 0. *	* 0. *	
		*SPK0240*DUMAN CREEK	*	*	* 120 10.0 *	*	*	*	*	*	*	*	* .24*
NORWEGIAN GULCH		*CAU0221*UPPER REAR CREEK	*	*	* 37 29.0 *	* 22.0 *	* 67. *	* 78. *	* 105. *	* 7. *	* 0. *	* 0. *	
RESERVOIR		*SPK0241*	*	*	* 120 6.4 *	*	*	*	*	*	*	*	* 1.92*
SOUTH FORK MERCE		*CAU0223*SOUTH FORK MERCE*	*	*	* 37 36.7 *	* 134.0 *	* 252. *	* 339. *	* 458. *	* 70. *	* 0. *	* 0. *	
DIVERSION RESERVOIR		*SPK0242*D RIVER	*	*	* 119 43.3 *	*	*	*	*	*	*	*	* 34.33*
SWEETWATER		*CAU0295*SOUTH FORK MERCE*	*	*	* 37 39.0 *	* 226.0 *	* 423. *	* 300. *	* 0. *	* 50. *	* 0. *	* 0. *	
		SPK0243	*	*	* 119 55.0 *	*	*	*	*	*	*	*	* 50.49*
VIRGINIA POINT		*CAU0310*MERCED RIVER	*	*	* 37 38.6 *	* 924.0 *	* 1168. *	* 399. *	* 540. *	* 1000. *	* 0. *	* 0. *	
		SPK0244	*	*	* 120 10.0 *	*	*	*	*	*	*	*	* 149.49*
LAKE MCCLURE (NE*CA00240*MERCED RIVER W EXCHEQUER DAM)*SPK0245*		*H I R*MERCED RIVER	*H I R*MERCED RIVER	*H I R*MERCED RIVER	* 37 35.1 *	* 1020.0 *	* 1300. *	* 464. *	* 437. *	* 1021. *	* 0. *	* 0. *	* 316.1
		*IST	*IST	*IST	* 120 16.2 *	*	*	*	*	*	*	*	* 0. *
MCGRATH RESERVOIR		*CAU00242*MERCED RIVER	*	*	* 37 31.0 *	* 1040.0 *	* 1339. *	* 56. *	* 86. *	* 10. *	* 0. *	* 0. *	
R		*SPK0246*	*	*	* 120 19.5 *	*	*	*	*	*	*	*	* 0. *
CASCADE (YOSEMITI*CA00201*MERCED RIVER E POWERHOUSE)		*K SERVICE	*K SERVICE	*K SERVICE	* 37 43.3 *	* 323.0 *	* 606. *	* 556. *	* 50. *	* 0. *	* 0. *	* 0. *	* 13.2
		SPK0247	*	*	* 119 42.1 *	*	*	*	*	*	*	*	* 0. *
BEAR DAM		*DAEN SPK	*DAEN SPK	*DAEN SPK	* 37 22.2 *	* 72.0 *	* 64. *	* 87. *	* 13. *	* 13. *	* 0. *	* 0. *	
		SPK0248	*	*	* 120 13.7 *	*	*	*	*	*	*	*	* 1.63*
		*	*	*	*	*	*	*	*	*	*	*	* 2.9

LEGEND

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- (2) DEBRIS CONTROL, PEAK POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	TOENT	NAME OF STREAM	PROJ#	DINER	LATITUDE & DRAINAGE AREA	ANNUAL INFLOW	STORAGE	MAXIMUM HEAD	ENERGY CAPACITY (GWH)
	NUMBER	CR RIVER		(2)	(SC MI)	(CFS)	(FT)	(FT)	(AC FT)
COUNTY NAME	MARINOSA								
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF									
MARINOSA LAKE	*CA10107*	MARINOSA CREEK	*C	*DAEN SPK	* 37 17.5 *	108.0*	64.*	83.*	22.4E 0.0 RE 0.
	SPK0249				*120 6.0 *		61.*		* AN 1.13RN 2.3
OMENS LAKE	*CA10111*	OWENS CREEK	*C	*DAEN SPK	* 37 10.9 *	29.0*	29.*	52.*	0.0 RE 0.
	SPK0250				*120 11.1 *				* AN 0.58** 1.0
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF									
COUNTY NAME HEDGINGO									
BELL SPRINGS	*CAU001*	EEL RIVER	*	*	* 39 5.4 *	1570.0*	3425.*	443.*	600.* 1500.* 0.0 RE 0.
	SPN001				*123 2.8 *				* AT 490.55*T 648.0
SPENCER FRANCISC	*CAU001*	ND FK EEL RIVER	*	*	* 39 4.7 *	425.0*	822.*	244.*	0.0 *U 0.
AN	*SPN001*				*123 .9 *				* AT 556.19*T 61.0
VALLEYS END	*CAU002*	TOMKI CREEK	*	*	* 39 2.5 *	48.0*	d9.*	100.*	135.* 57.* 0.0 *U 0.
	SPN001				*123 13.0 *				* AT 2.48*T 10.0
BRANSCOMA	*CAU002*	SC FK EEL RIVER	*	*	* 39 4.2 *	45.0*	205.*	111.*	150.* 45.* 0.0 *U 0.
	SPN001				*123 4.0 *				* AT 2.56*T 10.0
FELIZ	*CAU0026*	FELIZ CREEK	*	*	* 38 5.9 *	39.0*	49.*	113.*	153.* 69.* 0.0 *U 0.
	SPN001				*123 .8 *				* AT 1.19*T 1.2
REDWOOD VALLEY	*CAU0022*	RUSSIAN RIVER	*	*	* 39 1.9 *	14.0*	23.*	133.*	180.* 90.* 0.0 *U 0.
	SPN001				*123 1.5 *				* AT 1.30*T 1.0
FORSYTHE	*CAU002AFURSYTHE CREEK	*	*	*	* 39 18.0 *	30.0*	51.*	206.*	279.* 71.* 0.0 *U 0.
	SPN002				*123 15.0 *				* AT 2.61*T 5.1
DIGGER HEND	*CAU0029*	RUSSIAN RIVER	*	*	* 38 36.0 *	750.0*	1027.*	22.*	30.* 1.4U 0.0 *U 0.
	SPN002				*122 48.0 *				* AT 0.82*T 1.0
COYOTE DAM	*CAU0329*	RUSSIAN RIVER	*SK	*CUPPS	* 39 12.0 *	105.0*	343.*	95.*	128.* 123.* 0.0 *U 0.
	SPN0022				*123 11.0 *				* AT 4.58*T 21.2

LEGEND

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- (2) = PROJECT NUMBER, IRRIGATION, HYDROELECTRIC, CEMUD CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION,
- (2) = DERRIS CONTROL, PEAK POND, OTHER
- (3) = UNINSTALLED CAPACITY AND ENERGY NENEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY TETUTL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POSSIBLE HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NAME OF STREAM	PHJN	LATITUDE	DRAINS	ANNUAL POWER	NET HEIGHT*	MAXIMUM
	NUMBER	RIVER	PURP	LINER	HEAD	STORAGE	CAPACITY
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
***** COUNTY NAME: MENDOCINO *****							
***** FERC POCHE SUPPLY AREA 46 *****							
DOS RIOS	CAU0350*FEEL RIVER		39	6.0	745.0*	939.0*	0.0
	SPK0023*		123	18.0		540.0*	0.0
RUSSIAN RIVER RE:CA10201*RUSSIAN RIVER	CSN	WAEN SPK	39	12.0	105.0*	384.0*	134.6661 151.1
SEVERO COTUTE V:SPK0024*			123	6.0		116.0*	0.0
***** COUNTY NAME: MERCEDES *****							
***** FERC POCHE SUPPLY AREA 46 *****							
CASTLE	CAU0176*CAL GREEK		37	24.0	26.2*	30.0*	0.0
	SPK0251*		120	29.5		9.0*	0.0
MONTGOMERY	CAU0213*HY CREEK	SI	57	33.5	67.0*	90.0*	275.0
	SPK0252*		120	27.9		101.0*	0.0
CROCKER DIVERSIN:CAU0239*MERCEDES RIVER	CAU0239*	IRK DR	37	30.9	1045.0*	1356.0*	2.04RT 3.0
N	SPK0253*	IRK	120	22.2		11.0*	0.0
LAKE YOSEMITE	CAU0241*MERCEDES RIVER (OF*)	YIST	37	22.3	41.0*	52.0*	0.0
	SPK0254*F STREAM		120	26.2		58.0*	7.0*
MERCED FALLS	CAU0241*MERCEDES RIVER	H	PACIFIC GAS	37	31.0	1061.0*	1339.0*
	SPK0255*	ELECT CC	120	19.7		21.0*	1.0*
BURNS DAM	CAU10103*BURNS CREEK	BC	DAEN SPK	37	22.6	74.0*	49.0*
	SPK0256*		120	19.5		74.0*	22.0*
LOS BANDS DETERN:CAU10167*LOS BANDS CREEK	CAU10167*	DUL USHR	37	0.	1660.0*	19.0*	0.0
ION	SPK0257*		120	55.9		126.0*	150.0*
O'NEILL FOREBAY	CAU10171*SAN LUIS CREEK	WHL	DUL USBR	37	5.4	1.0*	0.0
	SPK0258*		121	2.3		0.0*	0.0*
SAN LUIS RESERV:CAU10163*SAN LUIS CREEK	CAU10163*	DUL USHR	37	5.5	63.0*	327.0*	2064.0*
IR	SPK0259*		121	4.5		0.0*	0.0*

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- (2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLUID CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION.
- (2) = DEAVERS CONTROL, P=PARTN POND, O=OTHER
- (3) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07 / 09 / 79)

(1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES C.U.S.A.C.E. OFFICE AND SITE ID.
 (2) = PROJECT PUMPSET IRRIGATION, HYDRAULIC ECTIC, C-FLOOD CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION,
 (2) DEBRIS CONTROL, PEAK POND, BOTTOM
 (3) = INSTALLED CAPACITY AND ENERGY NEW INCREMENAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PHOTO	OWNER	LATITUDE	LONGITUDE	DRAINAGE AREA	POWER OF INFLUX	STORAGE CAPACITY (MM) (GMM)	MAXIMUM HEAD (FT) (AC FT)	ENERGY (3)
(1)	(2)	CR RIVER	PUMP								
COUNTY NAME: MONROE											
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE 3F											
LEAVITT	SPK0271*	CAU011*WEST WALKER RIVER	*	*	* 38 20.0 *	* 75.0N	* 166. *	* 400. *	* 51. *	0. *	0. *
PICKLE MEADOWS	SPKU272*	CAU0244*WEST WALKER RIVER	*	*	* 38 21.7 *	* 115.0N	* 190. *	* 146. *	* 110. *	0. *	0. *
WILLOW FLAT	SPK0273*	CAU0320*LITTLE WALKER RIV	*	*	* 38 17.1 *	* 15.0N	* 40. *	* 142. *	* 0. *	0. *	0. *
GRANT LAKE	SPL004*	CAU0649*RUSH CREEK	*	*	* CITY OF LOS ANGELES	* 37 51.7 *	* 60.0*	* 62. *	* 61. *	* 72. *	* 46. *
LAKE CROLEY LUNA CAJON 0090*FINES RIVER	SPL005*	CAU0744*EAST WALKER RIVER	*	*	* CITY OF LOS ANGELES	* 37 35.3 *	* 437.0*	* 137. *	* 63. *	* 112. *	* 1835. *
BIDGEPORT	SPL3096*	CAU0451*MILL CREEK	*	*	* SOUTHERN CALIF EDISON CO	* 38 19.6 *	* 358.0N	* 136. *	* 44. *	* 52. *	* 42. *
LUNDY LAKE	SPL0098*	CAU0453*RUSH CREEK	*	*	* SOUTHERN CALIF EDISON CO	* 38 12.7 *	* 20.0*	* 37. *	* 34. *	* 40. *	* 4. *
GEM LAKE	SPL0099*	CAU0032*CAMEL RIVER	*	*	* SOUTHERN CALIF EDISON CO	* 37 45.1 *	* 15.0N	* 19. *	* 40. *	* 47. *	* 5. *
COUNTY NAME: MONTEREY											
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE 3F											
SAN CLEMENTE	SPAU0032*	CAU0032*CAMEL RIVER	*	*	* 36 2.6 *	* 125.0N	* 82. *	* 314. *	* 425. *	* 154. *	0. *
SAN ANTONIO	SPNU0225*	SPNU0225*	*	*	* 121 4.2 *	*	*	*	*	*	4.54*7
	SPNU0226*	CAU032K*SAN ANTONIO RIVE	*	*	* MONTENEY COU	* 35 45.6 *	* 524.0*	* 92. *	* 132. *	* 179. *	* 346. *
	SPNU0226*	NTY FCNCD	*	*	* NTY FCNCD	* 120 52.4 *	*	*	*	*	2.65*7

LEGEND

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 (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATIONAL, SEAWATER SUPPLY, RECREATION,
 (2) DAM/HYDRAULIC CONTROL, PAFM, POND, ODMR
 (3) = E=INSTALLED CAPACITY AND ENERGY NAME: INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) U=INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

	IDENT	NAME OF STREAM	PRJ#	OWNER	LATITUDE	DRAINAGE AREA	ANNUAL POWER OF INFLUX	NET HEIGHTS OF HEAD	CAPACITY (MH)	ENERGY (GWH)
PROJECT NAME	NUMBER	CR RIVER	(2)	(1)	DEGREE (DM)	(SL MI)	(CFS) (FT)	(FT) (AC FT)	(3)	(3)
COUNTY NAME: MONTEREY										
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF										
SAN CLEMENTE										
*CA00689*CARMEL R										
*SPL01002										
LOS PADRES										
*CA00692*CARMEL R										
*SPL01011										
SAN ANTONIO										
*CA00613*SAH ANTONIO R										
*SPL01024										
COUNTY NAME: NAPA										
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF										
ADAMS										
*CAU036*ETICLUERA CREEK										
SPK0274										
GOODINGS										
*CAU0139*MAXWELL CREEK										
SPK0275										
JAMES CREEK										
*CAU0165*JAMES CREEK										
SPK0276										
SNELL										
*CAU0276*PUTAH CREEK										
SPK0277										
WALTER SPRINGS										
*CAU0313*POPE CREEK										
SPK0278										
LAKE CURRY										
*CA0014*GARDEN VALLEY CHAS										
SPH0027										
MONTCELLO DAM (*CAU0170*PUTAH CREEK										
LAKE BERRIESA) *SPK001*										

L E G E N D

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CFLOOD CONTROL, NAVIGATION, OTHER
- (3) = DEATHS CONTROL, RESERVOIR POND, OTHER
- (N) = INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (P) = INSTALLED CAPACITY AND ENERGY
- (U) = UNDEVELOPED SITES

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

	IDENT	NAME OF STREAM	PHJU	PROJECT NAME	NUMBER	CH RIVER	PURP*	OWNER	ALONGITUDE	DRAINAGE AREA	ANNUAL SPONH *	AVERAGE INFLO	MAXIMUM HEAD *	STORAGE CAPACITY	ENERGY (GWH)
	(1)	*	*	*	(2)	*	*	*	*	*	*	*	*	*	*
COUNTY NAME: NEVADA															
ANTHONY HOUSE	SCAU0043	DEER CREEK	S						* 39 14.0	65.0A	130.0	66.0	92.0	12.0	0.0
	SPK0279*								* 121 12.0						0.0
BITNEY CORNER	SCAU0060	DEER CREEK	EI						* 39 14.5	65.0A	130.0	128.0	173.0	20.0	0.0
	SPK0280*								* 121 7.5						0.0
BLOODY RUN	SCAU0061	BLOODY RUN	EI						* 39 24.5	5.0A	11.0	113.0	153.0	7.0	0.0
	SPK0281*								* 120 54.0						0.0
GARDEN RAR	SCAU0134	HFAH RIVER	EI						* 39 2.2	210.0A	296.0	149.0	202.0	300.0	0.0
	SPK0282*								* 121 6.5						0.0
SHADY CREEK	SCAU0271	SHADY CREEK	EI						* 39 20.5	10.0A	23.0	107.0	107.0	6.0	0.0
	SPK0283*								* 121 5.5						0.0
WASHINGTON	SCAU0315	SOUTH YUCA RIVER	EI S						* 39 21.0	122.0A	262.0	93.5	400.0	126.0	0.0
	SPK0284*								* 120 50.0						0.0
WEAVER LAKE	SCAU0316	WEAVER CREEK	EI S						* 39 27.5	28.0A	65.0	34.0	45.0	6.0	0.0
	SPK0285*								* 120 50.9						0.0
BOWMAN LAKE (OCACA0245CANYON CREEK KFILE)	SCAU0424	CANYON CREEK	EI S						* 39 26.9	116.0A	100.0	316.0	165.0	66.0	25.1
	SPK0286*								* 120 59.0						0.0
DEER CREEK DIVER	SCAU0460	DEER CREEK	EI S						* 39 16.1	120.0A	67.1	74.0	87.0	1.0	0.0
	SPK0287*								* 120 57.1						0.0
FRENCH LAKE	SCAU0247	CANYON CREEK	EI I						* 39 25.2	6.0A	30.0	61.0	95.0	13.0	0.0
	SPK0288*								* 120 32.4						0.0
MILTON DIVERSION	SCAU0248	MIDDLE FK YUCA RIVER	EI I						* 39 31.3	42.0A	123.0	23.0	27.0	0.0	0.0
	SPK0289*								* 120 34.9						0.0
COMBIE	SCAU0249	NEAR RIVER	EI S						* 39 6	130.0A	400.0	64.0	75.0	9.0	0.0
	SPK0290*								* 121 3.4						0.0

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- (3) = NEW INCREMENTAL CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	OWNER	NET HEIGHT*	AVERAGE DRAINAGE AREA	LATITUDE	LONGITUDE	ANNUAL POWER OF *	STORAGE CAPACITY* ENERGY
(1)		CR RIVER	PURP#	(2)	(1000')	(1000')	DAM *	(LDM)	(LFT) *	(GWH)
					(SU MI)	(CFS)				(3)
										(3)
COUNTY NAME: NEVADA										
SAWMILL LAKE	CA00251*CAVYCN CREEK	* H I *NEVADA IRR D# 39	26.7	*	18.0*	38.0*	45.0*		3.0*	0.0
	SPK029	* IIST	36.0	*					4.0*	0.0
SCOTT'S FLAT	CA00253*DEER CREEK	* H I *NEVADA IRR D# 39	16.4	*	120.0*	671.0*	140.0*		49.0*	0.0
	SPK0292	* IIST	55.7	*					49.0*	0.0
JACKSON MEADOWS	CA00254*MIDDLE FK YUHA R#	* H I *NEVADA IRR D# 39	30.6	*	38.0*	123.0*	146.0*		69.0*	0.0
	*SPK0293*TVER	* S *IIST	33.5	*					172.0*	0.0
ROLLINS	CA00255*REAR RIVER	* H I *R#	8.2	*	104.0*	398.0*	215.0*		66.0*	0.0
	SPK0294	* S *	57.0	*					225.0*	0.0
FAUCHERIE	CA00256*CAVYCN CREEK	* H I *NEVADA IRR D# 39	25.6	*	10.0*	2.0*	2.0*		6.0*	0.0
	SPK0295	* S *IIST	33.9	*					42.0*	0.0
DUTCH FLAT AFTER	CA00257*REAR RIVER	* H I *NEVADA IRR D# 39	12.8	*	215.0*	248.0*	128.0*		1.0*	0.0
BAY	*SPK0296*	* S *IIST	50.6	*					151.0*	0.0
DUTCH FLAT 2 FUP	CA00258*THI BEAR RIVER	* H I *NEVADA IRR D# 39	13.4	*	215.0*	406.0*	590.0*		0.0*	0.0
EBAY	*SPK0297*	* S *IIST	50.0	*					72.0*	0.0
FULLER LAKE	CA00351*JORDAN CREEK	* PACIFIC GAS	39	20.7	71.0*	234.0*	310.0*		33.0*	0.0
	SPK0298	* ELECT CO	120	38.9						
LAKE FORDYCE	CA00357*FORDYCE CREEK	* PACIFIC GAS	39	22.0	32.0*	140.0*	105.0*		120.0*	0.0
	SPK0299	* ELECT CO	120	29.7						
LAKE SPAULDING	CA00358*SOUTH FK YUHA R#	* PACIFIC GAS	39	19.6	189.0*	203.0*	197.0*		10.75*	56.0
	*SPK0300*VER	* ELECT CO	120	38.5						
LAKE STERLING	CA00359*TRI FORDYCE CREEK	* PACIFIC GAS	39	21.0	32.0*	140.0*	16.0*		2.0*	0.0
	SPK0301	* ELECT CU	120	29.5						
LAKE VAN NORDEN	CA00362*SOUTH YUGA RIVER	* PACIFIC GAS	39	19.2	12.0*	203.0*	19.0*		6.0*	0.0
	SPK0302	* ELECT CO	120	22.6						
		* ELECT CU	120	22.6						

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PRJ#	OWNER	LATITUDE	DRAINAGE AREA	ANNUAL INFLOW	NET HEIGHT	MAXIMUM HEAD	STORAGE CAPACITY (MM)	ENERGY (GWh)
NEW DRUM AFTERBAY	CA00021	CR RIVER	"	" (2)	"	" (0.0M)	" (30 MI)	"	" (FT)	" (MM)	" (3)
Y	"	"	"	"	"	"	"	"	"	"	" (3)
COUNTY NAME: NEVADA	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"
MEADOW LAKE	CAU036H	TRI FORGE CREEK	"	"	" PACIFIC GAS & ELECTRIC CO	" 39 24.0	" 2.0k	" 50.0	" 33.0	" 5.0E	" 0.0E
"	SPK0303K	"	"	"	"	" 4120 29.9	"	"	"	"	" .05eN .1
NEW DRUM AFTERBAY	CA00021	BEAR RIVER	"	"	" PACIFIC GAS & ELECTRIC CO	" 39 15.3	" 194.0k	" 559.0	" 75.0	" 0.0E	" 0.0E
Y	"	"	"	"	"	" 4120 46.4	"	"	"	" 4.93eN	" 21.0
DONNER LAKE	CA00537	DONNER CR	"	"	" SIERRA PACIFIC	" 39 19.4	" 15.0k	" 34.0	" 12.0	" 11.0E	" 0.0E
"	"	"	"	"	"	" 4120 14.2	"	"	"	"	" .15eN .3
OUR HOUSE	CA0064H	FK YURA	"	"	" RAYUBA CITY WATER	" 39 24.0	" 145.0k	" 365.0	" 42.0	" 0.0E	" 0.0E
"	SPK0305*	"	"	"	" EX AGENCY	" 4120 59.6	"	"	"	"	" .02eN .0
ANTHONY MHOUSE	CA00964	DEER CREEK	"	"	" LAKE MILDWOOD	" 39 14.1	" 80.0k	" 133.0	" 54.0	" 4.0E	" 0.0E
"	SPK0306*	"	"	"	" U ASSN	" 4121 13.6	"	"	"	"	" 1.71eN .3
MAGNOLIA	CA00966	MAGNOLIA CR	"	"	" LAKE OF THE	" 39 24.3	" 4.0k	" 9.0	" 51.0	" 4.0E	" 0.0E
"	SPK0307*	"	"	"	" PINES ASSN	" 4121 3.7	"	"	"	"	" .017eN .3
CHICAGO PARK FORCA	CA00902	BEAR RIVER	"	"	" NEVADA IRRIG	" 39 10.2	" 215.0k	" 640.0	" 470.0	" 0.0E	" 37.35eC 140.0
EBAV	"	"	"	"	" ATION DIST.	" 4120 55.1	"	"	"	"	" 46.92eN 62.0
FARAD POWERHOUSE	CA08007	TRUCKEE RIVER	"	"	" SIERRA PACIFIC	" 39 24.6	" 961.0k	" 802.0	" 83.0	" 0.0E	" 2.00eE 14.0
"	SPK0308*	"	"	"	" KIC POWER CO.	" 4120 1.0	"	"	"	"	" 0.0E 0.
DEER CREEK POWER	CA08021	DEER CREEK	"	"	" PG AND E	" 39 17.0	" 0.0	" 0.0	" 0.0	" 0.0E	" 5.50eE 30.0
HOUSE	"	"	"	"	"	" 4120 50.6	"	"	"	"	" 71.95eN 114.7
MARTIS CREEK LAKE	CA1010A	MARTIS CREEK	"	"	" ADAEN SPK	" 39 19.6	" 40.0k	" 62.0	" 100.0	" 35.0E	" 0.0E 0.
E	"	"	"	"	"	" 4120 6.7	"	"	"	"	" 1.20eN 2.0
BOCA RESERVOIR	CA10135	LITTLE TRUCKEE RIVER	"	"	" HCORI&DOI USBR	" 39 23.3	" 180.0k	" 190.0	" 66.0	" 41.0E	" 0.0E 0.
"	SPK0312*	"	"	"	"	" 4120 5.7	"	"	"	"	" 1.63eN 6.0
PROSSER CREEK RE	CA10179	PROSSER CREEK	"	"	" HCORI&DOI USBR	" 39 22.0	" 50.0k	" 77.0	" 92.0	" 133.0	" 41.0E 0.0E
SERVOIR	"	"	"	"	"	" 4120 8.4	"	"	"	"	" 2.02eN 4.0
"	"	"	"	"	"	"	"	"	"	"	"

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- (2) = DEBRIS CONTROL, PERARM POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	OWNER	NET HEIGHT*	NET AREA*	AVERAGE FLOW*	ANNUAL FLOW*	STORAGE CAPACITY*	ENERGY
	NUMBER	CR RIVER	PURP*		OF A DRAINER*	OF A DAM*	INFLUX*	HEAD*	(GWH)	(KWH)
	(1)	*	(2)	*	(CDM)	(SQ MI)	(CFS)	(FT)	(AC FT)	(3)
COUNTY NAME: PLACER										
AUBURN DAM	*CAU004*AMERICAN RIVER	*IHCSSR*	*	*	38 52.0	982.0*	2200.*	660.*	700.*	2500.*
	SPK0316	*	*	*	121 3.4	*	*	*	*	425.96*
AUBURN RAVINE	*CAU005*SAUHURN RAVINE	*	*	*	36 54.0	8.0*	13.0*	175.0*	0.0*	0.0
	SPK0315	*	*	*	121 9.0	*	*	*	*	0.09*
CLOVER VALLEY	*CAU0087*CLOVER VALLEY	*ISR	*	*	38 49.5	3.0*	8.0*	114.0*	154.0*	32.0*
	SPK0316	*	*	*	121 14.0	*	*	*	*	0.0*
COON CREEK	*CAU003*COON CREEK	*I	*	*	36 58.5	40.0*	93.0*	207.0*	59.0*	0.0*
	SPK0317	*	*	*	121 13.5	*	*	*	*	0.0*
DOTY RAVINE	*CAU0112*TRIE OF COON CREE*	*	*	*	39 56.0	13.0*	24.0*	78.0*	105.0*	32.0*
	*SPK0318*EK	*	*	*	121 14.0	*	*	*	*	0.0*
FORBES	*CAU0124*FORRES CRK	*	*	*	39 8.0	2.0*	5.0*	92.0*	125.0*	5.0*
	SPK0319	*	*	*	120 45.5	*	*	*	*	0.0*
LINCOLN	*CAU0184*COON CREEK	*	*	*	38 58.0	72.0*	110.0*	44.0*	60.0*	15.0*
	SPK0320	*	*	*	121 17.5	*	*	*	*	0.0*
PAGGE	*CAU0212*PAGGE CRK	*	*	*	39 6.0	6.0*	14.0*	207.0*	280.0*	69.0*
	SPK0321	*	*	*	120 48.0	*	*	*	*	0.0*
SOUTH MONCUT CREEK	*CAU0262*SOUTH MONCUT CREEK	*	*	*	39 23.5	31.0*	72.0*	124.0*	168.0*	38.0*
	*SPK0322*EK	*	*	*	121 21.0	*	*	*	*	0.0*
SUGAR PINE	*CAU0292*NORTH SHIRTTAIL	*	*	*	39 8.5	9.0*	20.0*	97.0*	131.0*	10.0*
	*SPK0323*CANCN	*	*	*	120 48.0	*	*	*	*	0.0*
WHITNEY RANCH	*CAU0318*PLEASANT GROVE CR	*	*	*	38 49.0	6.0*	14.0*	48.0*	65.0*	10.0*
	*SPK0322*REEK	*	*	*	121 16.0	*	*	*	*	0.0*
CAMPFAR WEST	*CAU0221*EAR RIVER	*IR	*	*	SOUTH SUTTER	39 3.0	280.0*	464.0*	165.0*	181.0*
	SPK0325	*	*	*	WATER DIST	*121 18.9	*	*	*	*
	*	*	*	*	*	*	*	*	*	*

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CAFLOOD CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION,
- (2) = OTHER
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	OWNER	LONGITUDE	LATITUDE	ANNUAL INFLDN	NET AVERAGE DRAINGER AREA	HEAD (ft)	DAM (ft)	STORAGE (cu mi)	MAXIMUM CAPACITY (MWH)	ENERGY (GWH)	
(1)	(2)	CR RIVER		(DM,M)	(SU MI)	(CF9)						(3)	(3)	
COUNTY NAME: PLACER														
FERC POWER SUPPLY AREA 46														
FERC REGIONAL OFFICE CODE SF														
DRUM FOREBAY	CA00350	DRUM CANAL	SPK0326*	P&E	*PACIFIC GAS	*39	14.9	194.0*	559.0*	1375.0*	46.0*	1.0E	93,300E	280.0
					*ELECT CO	*120	44.9					0.	NN	0.
HALSEY FOREBAY	CA00352	DRY CREEK	SPK0327*	P&E	*PACIFIC GAS	*38	58.3	299.0*	116.0*	320.0*	37.0*	0.0E	12,000E	66.6
					*ELECT CO	*121	2.3					50.85E	NN	68.5
LAKE ALTA	CA00355	ETTI & FK AMER RVR S	SPK0328*	P&E	*PACIFIC GAS	*39	12.3	203.0*	604.0*	660.0*	20.0*	0.0E	2,000E	6.4
					*ELECT CO	*120	48.8					109,730N	NN	262.4
LAKE ARTHUR	CA00356	SOUTH FK DRY CREEK	SPK0329*	P&E	*PACIFIC GAS	*38	57.6	2.0*	5.0*	32.0*	38.0*	0.0E	0.0E	0.
					*ELECT CO	*121	1.4					.000N	NN	.1
LAKE VALLEY	CA00361	TRIN & FK AMERICAH I	SPK0330*	P&E	*PACIFIC GAS	*39	18.0	5.0*	11.0*	638.0*	69.0*	0.0E	0.0E	0.
					*ELECT CO	*120	35.9					2.0E	NN	5.9
L L ANDERSON	CA00856	FK AMERICAN R+S D	SPK0331*	P&E	I+PLACER CTY	*39	6.7	57.0*	25.0*	639.0*	202.0*	134.0E	15,300E	75.3
					*WATER AGENCY	*120	28.1					0.	NN	0.
LOWER HELL HOLE	CA00857	RUBICON R	SPK0332*	P&E	I+PLACER CTY	*39	3.5	114.0*	27.0*	332.0*	390.0*	208.0E	0.0E	0.
					*WATER AGENCY	*120	24.4					24,390N	NN	36.3
INTERBAY	CA00954	FK AMERICAN R+S H	SPK0333*	P&E	I+PLACER CTY	*39	1.6	214.0*	105.0*	1344.0*	49.0*	0.0E	79,200E	476.3
					*WATER AGENCY	*120	36.1					0.	NN	0.
RALSTON AFTERRAY	CA00959	FK AMERICAN R+S D	SPK0334*	P&E	I+PLACER CTY	*39	0.2	429.0*	1152.0*	89.0*	45.0*	3.0E	6,570E	36.5
					*WATER AGENCY	*120	44.7					18,520N	NN	17.4
WISE POWERHOUSE	CA00194	AUBURN RAVINE	SPK0335*	P&E	*PACIFIC GAS	*38	53.9	305.0*	648.0*	519.0*	0.0*	0.0E	12,000E	75.0
					*AND ELEC.	*121	6.7					92.05N	NN	140.5
DUTCH FLAT NO.1	CA008020	HEAR RIVER	SPK0336*	P&E	*PG AND E	*39	13.0	0.0*	0.0*	643.0*	-0.0*	0.0E	22,000E	51.0
POWERHOUSE						*120	50.2					93,220N	NN	222.6
LJ STEPHENSON	CA008030	FK AMERICAN	SPK0337*	P&E	I+PLACER CTY	*39	1.0	0.0*	0.0*	2101.0*	-0.0*	0.0E	109,800E	630.0
					*WATER AGENCY	*129	36.1					0.	NN	0.

LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CHCS REFERENCE ID. BOTTOM LINE DEFINES (U,S,A,C,E) OFFICE AND SITE ID.
- (2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NIGATION, S=ATER SUPPLY, R=CREATION,
- (3) - D=DERRIS CONTROL, P=PARK POND, O=OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY
- (3) - U=INCREMENTAL POTENTIAL CAPACITY AND ENERGY
- (3) - T=TOTAL POTENTIAL CAPACITY AND ENERGY
- (3) - F=FOR EXISTING DAMS
- (3) - S=FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

L E U C O

- (1) = TOP LINE IS INVENTORY OF DAHS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.-C.E.) OFFICE AND SITE ID.
 (2) = PROJECT PURPOSES: TETRAPOLE, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION,
 DREDGING CONTROL, PEARL POND, OTHER
 (3) = INSTALLED CAPACITY AND ENERGY
 (4) = UNINSTALLED CAPACITY AND ENERGY
 (5) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (6) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NUMBER	NAME OF STREAM & PROJECT	OWNER	LONGITUDE*	LATITUDE*	AREA*	INFLOW*	HEAD*	DAM*	STORAGE*	MAXIMUM CAPACITY*	ENERGY (GWH)
(1)	(2)	CR RIVER	PUMP*	(CD.M.)	(30 MI)	(30 MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: PLUMAS												
			FERC POWER SUPPLY AREA 46						FERC REGIONAL OFFICE CODE SF			
SQUAW QUEEN	CAU0268*	LAST CHANCE CRK *HR		* 40 3.0 *	* 198.0 *	* 291.0 *	* 1680.0 *	* 174.0 *		* 100.0 *	* 0.0 *	* 0.0 *
	SPK0349			* 120 34.5 *								
TURNTABLE	CAU0304*	MF FEATHER RIVER*HIN		* 39 51.5 *		* 200.0 *	* 294.0 *	* 201.0 *	* 245.0 *	* 48.0 *	* 0.0 *	* 0.0 *
	SPK0350			* 120 52.0 *								
YELLOW CRK	CAU0325*	YELLOW CRK		* 40 1.0 *		* 35.0 *	* 64.0 *	* 2147.0 *	* 0.0 *	* 115.0 *	* 0.0 *	* 0.0 *
	SPK0351			* 121 15.0 *								
FRENCHMAN LAKE	CA000322*	LIT LAST CHANCE		* CAL DEPT WAT*	* 39 53.5 *	* 82.0 *						
	*ER RES	*ER RES		* 120 11.2 *								
ANTELope VALLEY	CA00037*	INDIAN CREEK		* CAL DEPT WAT*	* 40 10.8 *	* 71.0 *						
RESERVOIR	*SPK0353*			*ER RES	* 120 36.4 *							
LAKE DAVIS (GRIZZLY VALLEY)	CAU0039*	RIG GRIZZLY CREEK*		* CAL DEPT WAT*	* 39 52.9 *	* 44.0 *						
	SPK0354			*ER RES	* 120 28.5 *							
LITTLE GRASS VAL*	CA00265*	FK FEATHER RIV*	I	* S*OROVILLE MYA*	* 39 43.3 *	* 27.0 *						
LEY	*SPK0355*			* ANDOTTE I D	* 421 1.3 *							
SOUTH FORK DIV	CAU0270*	FK FEATHER RIV*	I	* S*OROVILLE MYA*	* 39 38.8 *	* 39.0 *						
	SPK0356			*ER RES	* 121 7.1 *							
SLATE CREEK DIVE	CA00271*	SLATE CREEK		* H I S*OROVILLE MYA*	* 39 37.0 *	* 50.0 *						
RSION	*SPK0357*			* ANDOTTE I D	* 421 2.9 *							
BUTT VALLEY RESE	CA00326*	BUTT CREEK		* H I PACIFIC GAS	* 40 6.9 *	* 576.0 *						
RVOR	*SPK0358*			* ELECT CO	* 121 6.0 *							
LAKE ALMANOR	CAU0327*	FK FEATHER RIV*	I	* PACIFIC GAS	* 40 10.5 *	* 503.0 *						
	SPK0359			* ELECT CO	* 121 5.5 *							
CRESTA FOREBAY	CAU0329*	FK FEATHER RIV*		* PACIFIC GAS	* 39 52.6 *	* 1820.0 *						
	SPK0360			* ELECT CO	* 121 22.3 *							

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE 10. BOTTOM LINE DEFINES U.S.A.C.E. OFFICE AND SITE 10.
- (2) = PROJECT PURPOSE, IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATIONAL, SEWER SUPPLY, AERATION,
- (2) DEMERITS CONTROL, PEFARM POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT	NAME OF STREAM	PHOTO	OWNER	DRAINAGE AREA	ANNUAL INFLOW (CFS)	MAXIMUM HEAD (FT)	STORAGE (AC FT)	ENERGY (GWH)
PLUMAS	(1)	OR RIVER	(2)		(3)				
COUNTY NAME:									
FERC POWER SUPPLY AREA 46									
FERC REGIONAL OFFICE CODE 3F									
ROCK CREEK	*CA00350**N	FK FEATHER RIV+H	*PACIFIC GAS	* 39 59.2 * ** ELECT CO	* 121 16.9 *	* 1760.0*	* 2450.*	* 535.*	* 78.*
LOWER BUCKS LAKE	*CA00332**BUCKS CREEK	(BUCKS DIVERSID)	*PACIFIC GAS	* 39 54.1 *	* 121 13.6 *	* 31.0*	* 56.*	* 706.*	* 92.*
GRIZZLY FOREHAY	*CA00333**GRIZZLY CREEK		*PACIFIC GAS	* 39 53.5 *	* 121 17.3 *	* 31.0*	* 234.*	* 2558.*	* 82.*
CARIBOU AFTERBAY	*CA00431**FK FEATHER RIV+H	(CREEDEN FOREHAY)	*PACIFIC GAS	* 40 4.7 *	* 121 9.6 *	* 612.0*	* 1321.*	* 770.*	* 139.*
BIDWELL LAKE	*CA00530**NORTH CANYON CR	CR #90	*BIDWELL WATER	* 40 6.0 *	* 120 57.7 *	* 9.0*	* 16.*	* 25.*	* 29.*
HELDEN POWERHOUSE	*CA00822**NORTH FORK FEATH+	E	*PACIFIC GAS	* 40 0. *	* 121 13.0 *	* 0. *	* 0. *	* 770.*	* 0. *
COUNTY NAME: RIVERSIDE									
PERRIS	*CA005**OFFSTREAM		*CAL DEPT WATER	* 33 51.5 *	* 10.0*	* 5.*	* 100.*	* 120.*	* 5.*
MATHEWS	*CA00212**TRI CAJALCO CREEKS		*METROPOLITAN	* 33 50.0 *	* 40.0*	* 950.*	* 211.*	* 250.*	* 186.*
ROBERT A SKINNER	*CAU0222**TUCALOTA CREEK		*METROPOLITAN	* 33 35.2 *	* 51.0*	* 750.*	* 93.*	* 109.*	* 750.*
LAKE HEMET	*CAU076**FK SAN JACINTO'S	D	*WATER DIST	* 117 27.6 *	* 4.3 *				
	*SPL010**CR		*WATER DIST	* 116 42.3 *					

LEGEND

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION.
- (2) = DREDGE/RESCAPE
- (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NUMBER	NAME OF STREAM	PARCJ*	OWNER	NET HEIGHT*	AVERAGE * DRAINAGE	ANNUAL * POWER	OF *	STORAGE *	CAPACITY *	ENERGY
	(1)	CR RIVER	PURP		(ft)	AREA *	INFLOW	HEAD *	DAM *	(MH)	(GWH)
	(2)				(CD.M)	(SU MI)	(CF) *	(FT) *	(AC FT) *	(3)	(3)
COUNTY NAME: RIVERSIDE											
RAILROAD CANYON	*CA00765*SAN JACINTO R	S I	*TEMESCAL WAT*	33 40.5	*	718.0*	6.0*	71.0*	84.0*	12.0E	0. ME 0.
	SPL0107	ER CC	*117	16.3	*	*	*	*	*	*	*
VAIL	*CA00770*TEMECULA CR	S D	*RANCHU CALIF*	33 29.7	*	319.0*	10.0*	122.0*	143.0*	51.0E	0. ME 0.
	SPL0104	ORNIA	*116	58.6	*	*	*	*	*	*	*
COUNTY NAME: BACRAMENTO											
COUNTY LINE	*CAU0095*DEER CREEK	*	*	*	38 34.5	*	35.0*	46.0*	59.0*	80.0*	40.0E U 0. C.
	SPK0367	*	*	*	121	2.0	*	*	*	*	*
HUTSON SCHOOL	*CAU0154*DRY CREEK	*	*	*	38 15.5	*	304.0*	176.0*	59.0*	73.0*	0.0E U 0. C.
	SPK0366	*	*	*	121	9.2	*	*	*	*	*
VINEYARD	*CAU0695*MERRISON CREEK	*	*	*	38 28.0	*	23.0*	30.0*	27.0*	38.0*	11.0E U 0. C.
	SPK0368	*	*	*	121	16.0	*	*	*	*	*
RANCHO SEC 11	*CA00625*TH HADSELVILLE C+S H	*	*SACAKAMENTO	H	38 20.1	*	2.0*	5.0*	4.3*	5.0*	3.0E U 0. C.
	SPK0370	*	*	*	121	6.0	*	*	*	*	*
FOLSOM LAKE	*CA1018*AMERICAN RIVER	R1	*ISCHN'DOI USHR	*38 42.5	*	1675.0*	3779.0*	300.0*	275.0*	1120.0E	196.72E 702.7
	SPK0371	*	*	*	121	9.4	*	*	*	*	*
NIMBUS (LAKE NAPA)CA10174*AMERICAN RIVER	*	CU	*DOI USER	*38 57.0	*	51.0*	89.0*	39.0*	47.0*	10.0E	13.50E 91.1
OMA)	*SPK0372*	*	*	*	121	13.4	*	*	*	*	*
COUNTY NAME: SAN BENITO											
HERNANDEZ	*CA00648*SAN BENITO R	SIR	*SAN BENITO C*	36 23.7	*	85.0*	10.0*	89.0*	120.0*	26.0E	0. ME 0.
	SPL0109	TY FCKCD	*120	50.1	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*

LEGEND

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- (2) = PROJECT PURPOSE: IRIGATION, HYDROELECTRIC, CLOUT CONTROL, PAFARM POOL, NAVIGATION, WATER SUPPLY, RECREATION.
- (3) = DEPIRED CAPACITY AND ENERGY
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = TOTLAL POTENTIAL CAPACITY AND ENERGY
- (3) = FOR EXISTING DAMS
- (3) = FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POSSIBLE HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	LATITUDE	DRAINAGE AREA	ANNUAL POWER	NET HEIGHT	MAXIMUM ENERGY
	(1)	CR RIVER	RURP#	OWNER	LONGITUDE	HEAD	OF DAM	(GWH)
	(2)				INFLUX	(FT)	(FT)	(3)
COUNTY NAME: SAN BERNARDINO								
								FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
LAKE SILVERWOOD	*CA00049* FK MOJAVE RIVER	*S CAL DEPT WAT*	32 18.4	34.0*	6.4	179.*	213.*	75.*E
CEDARS SPRINGS	*SPL0110* R	*ER RES	117 18.7	*	*	*	*	0.*E
COPPER RASTIN	*CA00214* COPPER HASIN	*S	54 16.7	8.0*	170.0*	147.*	160.*	24.*E
	SPL0111	*WATER DIST #114 13.6	*	*	*	*	*	0.*E
(BIG REAR LAKE)	*CA00757* REAR CR	*9 R BEAR VAL MTH	34 14.5	38.0*	30.*	45.*	53.*	72.*E
BEAR VALLEY	*SPL0112*	*WATER DIST #116 58.6	*	*	*	*	*	0.*E
LAKE ARROWHEAD	*CA00759* LITTLE BEAH CR	*10 I R LAKE ARROWHE*	30 15.7	7.0*	2.*	154.*	181.*	48.*E
	SPL0113	*RAD LAND CORP#137 10.0	*	*	*	*	*	0.*E
COUNTY NAME: SAN DIEGO								
								FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
BARRETT	*CA00106* COTTONWOOD CREEK	*CITY OF SAN	32 40.7	249.0*	13.*	128.*	151.*	45.*E
	SPL0114	*DIEGO	116 40.2	*	*	*	*	0.*E
LAKE HODGES	*CA00108* SAN DIEGUITO RIV	*CITY OF SAN	33 2.7	303.0*	18.*	99.*	116.*	34.*E
	SPL0115 R	*DIEGO	117 7.7	*	*	*	*	0.*E
LOWER OTAY RESER	*CA00119* OTAY RIVER	*S	*CITY OF SAN	32 36.6	99.0*	17.*	117.*	136.*E
VOR SAVAGE	*SPL0116*	*DIEGO	116 55.6	*	*	*	*	0.*E
MORENA	*CA00110* COTTONWOOD GREEK	*CITY OF SAN	32 41.1	114.0*	3.*	142.*	167.*	50.*E
	SPL0117	*DIEGO	116 33.0	*	*	*	*	0.*E
EL CAPITAN	*CA00111* SAN DIEGO RIVER	*S	*CITY OF SAN	32 53.0	190.0*	11.*	167.*	197.*
	SPL0118	*DIEGO	116 48.6	*	*	*	*	116.*E
SAN VICENTE	*CA00113* SAN VICENTE CR	*S	*CITY OF SAN	32 54.7	75.0*	11.*	162.*	190.*
	SPL0119	*DIEGO	116 55.5	*	*	*	*	90.*E
HENSHAW	*CA00123* SAN LUIS REY RIV	*S	*VISTA INH DIR	33 14.4	205.0*	30.*	94.*	110.*
	SPL0120 EK	*ST	*116 45.7	*	*	*	*	204.*E
	*	*	*	*	*	*	*	*

LEGEND

- (1) = TOP LINE IS INVENTORY LINE DAMS CROSS REFERENCE TO BOTTOM LINE DEFINES U.S.A.C.E. OFFICE AND SITE ID.
- (2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=SEWER SUPPLY, R=RECREATION.
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = NEW INCREMENTAL CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY
- (3) = FOR EXISTING DAMS
- (3) = FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ PURP	OWNER	LATITUDE	DRAINAGE AREA	ANNUAL POWER OF INFLUX	MAXIMUM CAPACITY ENERGY
	(1)		(2)		(DEG M)	(SQ MI)	(MWH)	(GWH)
CITY NAME: SAN DIEGO								
FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE 3F								
SWEETWATER RESERVA	CA00775	SWEETWATER R	S D I CALIF-AMERIC	32 41.5	182.0*	11.0*	94.0*	99.0*
VOIR	*SPLO121*		SAN WATER CO	41.7	.4			
LAKE LOVELAND	*CA00776	SWEETWATER R	S D I CALIF-AMERIC	32 46.9	98.0*	15.0*	166.0*	195.0*
	SPLO122		SAN WATER CO	41.6	47.6			
COUNTY NAME: SAN JOAQUIN								
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE 3F								
CAMANCHE RESERVA	CA00173	MOKELUMNE RIVER	S EAST BAY M UN	38 13.5	621.0*	832.0*	107.0*	145.0*
IR	*SPK0373*		* DIST	121 1.2				
WOODBRIDGE DIVER	CA00285	MOKELUMNE RIVER	SI R	38 9.4	661.0*	1111.0*	9.0*	10.0*
SION	*SPK0374*		* AWR DIST	121 17.8				
FARMINGTON DAM	CA10104	ROCK AND LITTLE J C	DAEN SPK	37 54.4	212.0*	122.0*	39.0*	53.0*
	SPK0375	UHN CREEKS		120 56.0				
COUNTY NAME: SAN LUIS OBISPO								
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE								
NACIMENTO	CAU0327	NACIMENTO RIVER	S MONTEREY COU	35 45.6	324.0*	92.0*	137.0*	165.0*
	SPN0028		* ANTY FICHD	120 52.4				
SALINAS	CAU0331	SALINAS	IIC	35 18.0	113.0*	20.0*	111.0*	130.0*
	SPN0029		* CORPS	120 30.0				
WHALE ROCK	CA00029	OLD CREEK	* CAL DEPT OF	35 26.9	20.0*	11.0*	150.0*	176.0*
	SPL0123		* FINANCE	120 53.1				
NACIMENTO	CA000812	NACIMENTO R	S D I MONTEREY CTY	35 45.5	324.0*	200.0*	157.0*	165.0*
	SPL0124		* R FCWCU	120 53.0				
LOPEZ	CA000887	ARROYO GRANDE CR	S D I SAN LUIS OBIS	35 11.3	68.0*	19.0*	128.0*	150.0*
	SPL0125		*SPO CU FCWCD	120 29.2				

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- (2) = DAEERS CONTROL, P=PARM POND, O=OTHER
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	IDENT	NAME OF STREAM	PROJ # NUMBER	OWNER	LATITUDE	LONGITUDE	ANNUAL POWER	OF * STORAGE	MAXIMUM	ENERGY
			(2)		AREA *	INFLUX *	HEAD *	(GWH) *	(GWH) *	(GWH)
COUNTY NAME	SAN LUIS OBISPO		(1)		(SQ MI)	(CDM.M)	(FT)	(AC FT)	(AC FT)	(3)
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CGE SF										
SALINAS RESERVOIR*CA10026*SALINAS RIVER	*S	*SAN LUIS OBISPO 35 20.2	*SPU COUNTY	*120 30.1	112.0*	20.0*	95.0*	128.0*	43.0*	0.0
R UPPER SALINAS *SPL0126*	*	*	*	*	*	*	*	*	*	0.0
SALINAS RESERVOIR*CA10202*SALINAS RIVER	*S	*CORPS OF ENGR 35 20.0	*S	*120 30.0	111.0*	20.0*	78.0*	106.0*	50.0*	0.0
R) DAW *SPL0127*	*	*	*	*	*	*	*	*	*	0.0
COUNTY NAME: SAN MATEO		WINEERS								39.0*
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CGE GF										
PESCADERO	*CAU0031*PESCADERO CR	*S	*36 24.0	*38.0*	33.0*	154.0*	208.0*	54.0*	0.0	0.0
	SPN0034	*	*122 42.0	*	*	*	*	*	*	0.0
CRYSTAL SPRING RACA00127*SAN MATEO CREEK	*S	*CITY COUNTY 37 39.2	*S	*122 21.7	25.0*	6.0*	111.0*	131.0*	54.0*	0.0
ESERVIOR *SPN0031*	*	*	*	*	*	*	*	*	*	0.0
PILARCITO LAKE *CAU0128*PILARCITO CREEKS	*S	*CITY COUNTY 37 32.9	*S	*122 25.4	4.0*	6.0*	92.0*	97.0*	3.0*	0.0
	SPN0032	*	*	*	*	*	*	*	*	0.0
SAN ANDREAS LAKE*CAU0129*SAN ANDREAS CREEK	*S	*CITY COUNTY 37 34.0	*S	*122 24.7	4.0*	6.0*	82.0*	97.0*	1.0*	0.0
	SPN0033	*	*	*	*	*	*	*	*	0.0
COUNTY NAME: SANTA BARBARA										12.0*
FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CGF										
GIBRALTER	*CA00138*SANTA YNEZ RIVER*9	*CITY OF SANTA 34 31.6	*S	*119 41.2	216.0*	62.0*	121.0*	142.0*	15.0*	0.0
	SPL0128	*	*	*	*	*	*	*	*	0.0
JAMESON LAKE JUN*CA00211*SANTA YNEZ RIVER*3	*S	*MUNTECITO CGE 34 39.5	*S	*119 30.4	14.0*	6.0*	114.0*	134.0*	6.0*	0.0
CAL *SPL0129*	*	*	*	*	*	*	*	*	*	0.0
ALISAL CREEK	*CA00731*ALISAL CR	*S D I*PETAN CO 34 32.0	*S	*120 8.1	0.0*	6.0*	66.0*	78.0*	2.0*	0.0
	SPL0130	*	*	*	*	*	*	*	*	0.0
LAKE CACHUMA-BRACA10136*SANTA YNEZ RIVER*TIGR	*DOI USBR	*34 35.0	*S	*119 58.0	417.0*	72.0*	162.0*	201.0*	200.0*	0.0
DBURY *SPL140*	*	*	*	*	*	*	*	*	*	0.0
										2.15*

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- (3) = DEERTS CONTROL, PEARL POOL, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	OWNER	DRAINAGE AREA	AVERAGE HEAD (FT)	NET POWER (MW)	STORAGE CAPACITY (GWH)	ENERGY (GWH)
(1) *	(2) *	CR RIVER	PUR*	(2)	(80 MI) * (CFS) *	(FT) *	(Ft) *	(Mw) *	(Gwh) *
COUNTY NAME: SANTA CLARA									
FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE									

COYOTE RESERVOIR	CA00287	COYOTE CREEK	I	*SANTA CLARA	37 9.1	116.0*	44.0*	97.0*	114.0*
	SPN0314*			*COUNTY FCWD	121 32.9	*	*	*	25.0*
CALERO RESERVOIR	CA00288	CALERO CREEK	I	*R S SANTA CLARA	37 11.0	7.0*	7.0*	71.0*	86.0*
	SPN0315*			*COUNTY FCWD	121 47.5	*	*	*	9.0*
ALHADEN RESERVOIR	CA00289	ALHADEN CREEK	I	*SANTA CLARA	37 9.9	13.0*	15.0*	87.0*	102.0*
R	SPN0316*			*COUNTY FCWD	121 49.7	*	*	*	2.0*
GUADALUPE RESERVOIR	CA00290	GUADALUPE CREEK	I	*SANTA CLARA	37 11.9	6.0*	6.0*	112.0*	132.0*
IOR	SPN0317*			*COUNTY FCWD	121 52.7	*	*	*	3.0*
STEVEN CREEK RESERVOIR	CA00292	STEVENS CREEK	I	*SANTA CLARA	37 11.9	18.0*	13.0*	95.0*	112.0*
ERVIER	SPN0318*			*COUNTY FCWD	122 4.6	*	*	*	4.0*
LEXINGTON RESERVOIR	CA00293	LDS GATOS CREEK	I	*SANTA CLARA	37 12.1	38.0*	45.0*	174.0*	205.0*
IOR	SPN0319*			*COUNTY FCWD	121 59.3	*	*	*	21.0*
RELDY ANDERSON LAKE	CA00294	RELDY ANDERSON CREEK	I S	*SANTA CLARA	37 10.0	193.0*	45.0*	200.0*	237.0*
	SPN0319*			*COUNTY FCWD	121 37.7	*	*	*	91.0*
COUNTY NAME: SANTA CRUZ									

SOCUEL	CA00295	SOCUEL CREEK	I	*SANTA CLARA	37 2.0	32.0*	36.0*	174.0*	235.0*
	SPN0321*			*COUNTY FCWD	122 54.0	*	*	*	71.0*
COUNTY NAME: SHASTA									

BATTLE CREEK DIV	CA0051	BATTLE CREEK	I	*40 25.2	332.0*	511.0*	169.0*	229.0*	45.0*
ERSION DAM	SPK0376*			*122 1.0	*	*	*	*	0.0*
BELLA VISTA	CA0054	LITTLE COH CREEK*ORC	I	*40 36.1	120.0*	147.0*	125.0*	162.0*	400.0*
	SPK0377*			*122 13.6	*	*	*	*	0.0*

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- (2) D=DERIVIS CONTROL, P=PERENNIAL POND, O=OTHER
- (3) = INSTALLED CAPACITY AND ENERGY NAME
- (3) = UNINSTALLED CAPACITY AND ENERGY TETOTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	OWNER	LATITUDE	LONGITUDE	ANNUAL POWER	OF AREA	STORAGE	CAPACITY	ENERGY
	NUMBER	CR RIVER	PURP	(2)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
COUNTY NAME: SHASTA											
BIG SPRINGS NO 3	*CAU0057*	MCCLOUD RIVER	*		* 41 11.0 *	* 40 *	* 369.0 *	* 959. *	* 297. *	* 0. *	* 0. *
	SPK0378		*		* 122 4.0 *	* 40 *	* 95.0 *	* 63. *	* 74. *	* 100. *	* 0. *
BURNETT	*CAU0068*	BURNETT CRK	*		* 40 47.0 *	* 41 *	* 604.0 *	* 1570. *	* 258. *	* 0. *	* 52. *
	SPK0379		*		* 121 44.0 *	* 41 *	* 604.0 *	* 1570. *	* 258. *	* 0. *	* 52. *
CHONTON TUBAS	*CAU0082*	MCCLOUD RIVER	*		* 41 1.5 *	* 122 12.5 *	* 604.0 *	* 1570. *	* 258. *	* 0. *	* 52. *
	SPK0380		*		* 40 34.0 *	* 2.0 *	* 6. *	* 69. *	* 93. *	* 100. *	* 0. *
CLOVER	*CAU0086*	CLOVER CREEK	*		* 122 7.5 *	* 40 *	* 395.0 *	* 453. *	* 189. *	* 245. *	* 1100. *
	SPK0381		*		* 122 29.5 *	* 40 *	* 395.0 *	* 453. *	* 189. *	* 245. *	* 1100. *
DUTCH GULCH RESER	*CAU0113*	COTTONWOOD CREEK*CSIRU	*		* 41 1.0 *	* 120 26.0 *	* 2754.0 *	* 477. *	* 84. *	* 113. *	* 175. *
RVOIR	*SPK0382*		*		* 40 19.9 *	* 122 39.6 *	* 222.0 *	* 331. *	* 243. *	* 300. *	* 310. *
FALL RIVER MILLS	*CAU0121*	PITT RIVER	*		* 40 22.8 *	* 122 39.6 *	* 388.0 *	* 703. *	* 149. *	* 202. *	* 490. *
	SPK0383		*		* 40 31.0 *	* 122 39.6 *	* 238.0 *	* 335. *	* 52. *	* 70. *	* 26. *
GAS POINT (M=5)	*CAU0135*	NORTH FORK CUTTOUCH	*		* 40 27.1 *	* 122 33.4 *	* 86.0 *	* 106. *	* 164. *	* 222. *	* 331. *
	SPK0365		*		* 40 32.0 *	* 122 31.5 *	* 228.0 *	* 321. *	* 340. *	* 460. *	* 415. *
GIRVAN RESERVOIR	*CAU0137*	CLEAR CRY	*		* 40 22.4 *	* 122 18.6 *	* 877.0 *	* 819. *	* 171. *	* 231. *	* 3540. *
	SPK0386		*								
HULEN LAKE	*CAU0150*	NORTH FORK COTTOUTCH	*								
	SPK0387		*								
KANAKA	*CAU0170*	CLEAR CRK	*								
	SPK0388		*								
LOWER COTTONWOOD	*CAU0192*	COTTONWOOD CREEK*	*								
(M=1)	*SPK0389*	MAIN STEM	*								
			*								

L E G E N D

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- (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NUMBER	NAME OF STREAM	PROJECT NUMBER	OWNER	LATITUDE	LONGITUDE	POWER AREA	ANNUAL INFLUX (MM)	NET HEAD (SQ MI)	STORAGE (AC FT)	CAPACITY (MW)	ENERGY (GWH)
	(1)	CR RIVER	(2)	PUHKA								
COUNTY NAME: SHASTA												
M=2		*CAU0193*NORTH FORK COTTO			*40 22.4	*470.0*						
		*SPK0390*4000 CREEK			*122 24.2	*						
MID=1		*CAU0204*MIDDLE FORK COTTO			*40 22.9	*247.0*						
		*SPK0391*4000 WOOD CREEK			*120 32.9	*						
MILLVILLE LAKE		*CAU0211*SOUTH COW CREEK			*40 32.0	*65.0*						
		SPK0392			*122 6.5	*						
MILLVILLE TIDE		*CAU0212*SOUTH COW CREEK			*40 32.4	*163.0*						
		SPK0393			*122 7.6	*						
OAK RUN DIVERSION		*CAU0224*OAK RUN			*40 1.0	*11.0*						
N		*SPK0394*			*122 2.5	*						
OLD COW		*CAU0227*OLD COW CRK			*40 34.0	*75.0*						
		SPK0395			*122 5.5	*						
PALO CEDRO RESER		*CAU0234*COW CREEK			*40 28.5	*423.0*						
VOR		*SPK0396*			*122 13.7	*						
PIT NO.2		*CAU0245*PIT RIVER			*41 0.	*4150.0*						
		SPK0397			*121 34.0	*						
SALTZER LAKE		*CAU0262*CLEAR CREEK			*40 35.0	*231.0*						
		SPK0398			*122 31.1	*						
SALZMAN (M=3)		*CAU0266*NORTH FORK COTTO			*40 22.6	*431.0*						
		*SPK0399*4000 WOOD CREEK			*122 24.6	*						
SELVESTER		*CAU0270*MF COTTONWOOD CR			*40 24.0	*30.0*						
		SPK0400			*122 45.5	*						
SUGAR LOAF		*CAU0291*HAT CREEK			*40 44.0	*155.0*						
		SPK0401			*121 26.0	*						
		*			*	*						

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- (2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLood CONTROL, N=NaviGATION, S=Water SUPPLY, R=RECREATION,
- (2) = DEBRIS CONTROL, P=PAPAH POND, D=OTHER
- (3) = E=INSTALLED CAPACITY AND ENERGY
- (3) = N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT	NAME OF STREAM	PROJ*	OWNER	LATITUDE	DRAINAGE AREA	ANNUAL POWER INFLUX	NET HEIGHTS MAXIMUM	STORAGE CAPACITY ENERGY
					(DM. H)	(SU MI)	(CFS)	DAH (FT)	(AC FT) (3)
(1)	*	* CR RIVER	(2)	*					
COUNTY NAME: SHASTA									
TOWERHOUSE	*CAU0303	*CLEAR CREEK	*	40 40.0	180.0*	253.0*	400.0*	0.0	466.0U
	SPK0402		*	122 38.0					
VACACILLA	*CAU0308	*LITTLE COW CREEK*	*	40 38.5	98.0*	120.0*	111.0*	143.0*	150.0U
	SPK0403		*	122 12.5					
WILLOW	*CAU0319	*SOJAH VALLEY CRK*	*	41 9.5	42.0*	82.0*	215.0*	291.0*	250.0U
	SPK0404		*	122 10.0					
ANDERSON COTTONWOOD	*CA00226	*SACRAMENTO RIVER*I	*	ANDERSON COT.	40 35.6	6466.0*	6747.0*	14.0*	24.0E
OOD DIVERSION DR	*SPK0405*		*	122 23.5					
COLEMAN FOREBAY	*CA00392	*TRI BATTLE CREEK*H	*	PACIFIC GAS	40 24.0	332.0*	540.0*	482.0*	17.0
	SPK0406		*	ELECT CO	122 6.0				
MACUMBER LAKE	*CA00393	*NORTH BATTLE CREEK	*	PACIFIC GAS	40 32.3	25.0*	180.0*	17.0*	20.0
	SPK0407		*	ELECT CO	121 43.9				
NORTH BATTLE CREEK	*CA00394	*NORTH BATTLE CREEK*H	*	PACIFIC GAS	40 36.2	3.0*	4.0*	34.0*	40.0*
	SPK0408		*	ELECT CO	121 39.3				
LAKE BRITTON (PIT NO 3 DAM)	*PI00355	*PIT RIVER	*	PACIFIC GAS	41 1.3	4747.0*	2770.0*	315.0*	102.0
	SPK0409		*	ELECT CO	121 40.5				
PIT FNU RESERVOIR	*CA00357	*PIT RIVER	*	PACIFIC GAS	40 59.3	4784.0*	2797.0*	382.0*	40.0*
IR	*SPK0410*		*	ELECT CO	121 46.1				
TUNNEL RESERVOIR	*CA00403	*SUGAR PINE CREEK*H	*	PACIFIC GAS	40 59.9	4900.0*	2797.0*	615.0*	57.0
(PIT NO. 5 FORER)	*SPK0411*		*	ELECT CO	121 53.3				
HAT CREEK NO 2 D	*CA00404	*HAT CREEK	*	PACIFIC GAS	40 57.0	431.0*	140.0*	217.0*	15.0
INVERSION	*SPK0412*		*	LAND ELECT.	121 32.7				
PIT NO 1 FOREBAY	*CA00405	*FALL RIVER	*	PACIFIC GAS	41 26.5	676.0*	1758.0*	454.0*	20.0
	SPK0413		*	ELECT CO	121 26.8				

LEGEND

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEAWATER SUPPLY, AMRECREATION,
- (2) = DEBRIS CONTROL, PEAK POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	OWNER	LATITUDE & LONGITUDE*	DRAINAGE AREA	INFLOW (CFS)	HEAD (FT)	DESIGN CAPACITY (MM) (GWH)	STORAGE (MM) (GWH)	CAPACITY (MM) (GWH)	ENERGY (MM)
(1)	(2)	(CR RIVER)	PURPA	(SG PI)	(D.M.)	(3G PI)	(CF8)	(FT)	(1000)	(1000)	(1000)	(3)
COUNTY NAME: SHASTA												
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE: SF												
PIT NO 6 RESERVOIR	CA00414*PIT RIVER	*HS	*PACIFIC GAS	*40 55.4	*5451.0*	5000.	*155.	*128.	*16.4E	79.20E	335.0	
IR	SPK0414*	** ELECT CO	** ELECT CO	*121 59.6	*	*	*	*	*	0. N	0.	
PIT NO 7 RESERVOIR	CA00415*PIT RIVER	*H	*PACIFIC GAS	*40 50.8	*5601.0*	5590.	*205.	*186.	*34.6E	104.40E	495.0	
IR	SPK0415*	** ELECT CO	** ELECT CO	*121 59.4	*	*	*	*	*	0. N	0.	
LAKE MCCLLOUD	CA00416*MCCLLOUD RIVER	*H	*PACIFIC GAS	*41 7.9	*420.0*	1020.	*168.	*198.	*35.4E	0. N	0.	
	SPK0416*	** ELECT CO	** ELECT CO	*122 4.2	*	*	*	*	*	25.24N	132.7	
IRON CANYON RESERVOIR	CA00417*CEDAR SALT LOG C.H.	*H	*PACIFIC GAS	*41 2.5	*431.0*	1084.	*1226.	*200.	*24.4E	154.60E	540.0	
RVNR	SPK0417*	** ELECT CO	** ELECT CO	*121 59.1	*	*	*	*	*	0. N	0.	
PIT NO 5 DIVERSITY	CA00418*PIT RIVER	*H	*PACIFIC GAS	*40 59.4	*4711.0*	2797.	*13.	*15.	*0.4E	0. N	0.	
ON	SPK0418*	** ELECT CO	** ELECT CO	*121 52.2	*	*	*	*	*	3.10N	13.4	
MISSELBECK DAM	CA01027*N F K COTTONWOOD	*I	*CHARLES TRIS*	*40 30.0	*12.0*	16.*	*84.	*99.	*5.4E	0. N	0.	
	SPK0417*	DALE MAT CO	DALE MAT CO	*122 41.8	*	*	*	*	*	0.14N	.6	
HAYNES RESERVOIR	CA01030*GOOSE CREEK	*I S	*GOOSE VALLEY*	*40 54.4	*5.0*	10.*	*53.	*62.	*6.4E	0. N	0.	
	SPK0420*	* HANCH INC	* HANCH INC	*121 45.9	*	*	*	*	*	0.15N	.3	
COW CREEK	CA01040*CA01046*SOUTH COW CREEK	*H	*PACIFIC GAS	*40 34.2	*72.0*	86.*	*715.	*0.	*0.4E	1.44E	12.0	
OUSE	SPK0421*	** AND ELECT.	** AND ELECT.	*122 1.0	*	*	*	*	*	0. N	17.11N	25.3
KILARC POWERHOUSE	CA01041*N. FK. COW CREEKH E	*H	*PACIFIC GAS	*40 40.2	*29.0*	209.	*1150.	*0.	*3.0E	3.0E	22.0	
	SPK0422*	** ELECT.	** ELECT.	*121 51.7	*	*	*	*	*	38.77N	150.4	
VOLTA POWERHOUSE	CA01042*MILL SEAT CREEK	*H	*PACIFIC GAS	*40 27.5	*99.0*	230.	*1254.	*0.	*0.4E	6.40E	39.6	
	SPK0423*	** AND ELECT.	** AND ELECT.	*121 52.3	*	*	*	*	*	47.45N	140.0	
KESwick RESERVOIR	CA10160*SACRAMENTO RIVER*	*HCR	*DOI USHW	*40 36.7	*6704.0*	8747.	*78.	*121.	*25.4E	75.00E	477.5	
R	SPK0424*	* HCR	* HCR	*122 26.6	*	*	*	*	*	0. N	0.	
SHASTA LAKE	CA10166*SACRAMENTO RIVER*	*HCR	*DOI USHW	*40 43.1	*6665.0*	7083.	*330.	*526.	*4662.	454.32E	2021.6	
	SPK0425*	* RU	* RU	*122 25.2	*	*	*	*	*	87.77N	97.6	
	SPK0426*	*	*	*	*	*	*	*	*	*	*	

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- (3) = DEPENDS ON CONTROL PARM POND, DESIGNER
- (3) = INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ. (2)	PURP. (2)	OWNER (2)	LATITUDE (DEG) (M)	LONGITUDE (DEG) (M)	HEAD (FT)	DAM (FT)	ANNUAL APOER (CFS)	NET HEIGHT OF STORAGE (MI)	CAPACITY (MW)	ENERGY (GWH) (3)	
COUNTY NAME: BHARTA														
SPRING CREEK RES	CA10190	* SPRING CREEK	DOI	USER	* 40	37.0	*	15.5*	*	2167.*	144.*	*	7.0*	150,000E 543.6
ERVOIR	*SPK0426*		*	*	* 122	28.6	*	*	*	*	*	*	0.	0.
WHISKEYTOWN RES	CA10204	* CLEAR CREEK	AIRNG	DOI USBR	* 40	35.9	*	201.0*	*	86.*	225.*	*	276.0*	0.0E 0.
RVOIR	*SPK0427*		*	*	* 122	32.2	*	*	*	*	*	*	3,000N	10.9
COUNTY NAME: GUERRA														
CLOVER VALLEY	*CAU008	* SMITHNECK CRK	*	*	* 39	38.5	*	16.0*	*	56.*	65.*	*	6.0*	0.0E 0.
	SPK0428		*	*	* 120	13.0	*	*	*	*	*	*	0.0*	1.6
GODDEARS BAR	*CAU0140	* N F K YUJA RIVER	*	*	* 39	30.0	*	239.0*	*	711.*	264.*	*	57.0*	0.0E 0.
	SPK0429		*	*	* 120	52.0	*	*	*	*	*	*	52.0*	126.6
INDIAN VALLEY	*CAU0157	* FK YURA RIVER	*	*	* 39	31.0	*	304.0*	*	904.*	430.*	*	180.0*	0.0E 0.
	SPK0430		*	*	* 121	1.0	*	*	*	*	*	*	0.0*	109,018T 262.3
RANDOLPH	*CAU0255	* COLD STREAM	*	*	* 39	33.5	*	22.0*	*	50.*	157.*	*	21.0*	0.0E 0.
	SPK0431		*	*	* 120	21.0	*	*	*	*	*	*	0.0*	5.1
SHEEP CAMP	*CAU0272	* CARMEN CRK	*	*	* 39	42.0	*	89.0*	*	100.*	61.*	*	65.0*	0.0E 0.
	SPK0432		*	*	* 120	30.0	*	*	*	*	*	*	0.0*	2,124T 1.9
INDEPENDENCE LAKE	CA00458	* INDEPENDENCE CREEK	*	*	* 39	27.1	*	6.0*	*	52.0*	21.*	*	19.0*	0.0E 0.
E	*SPK0433*	EK	*	*	* 120	17.4	*	*	*	*	*	*	0.0*	0.3
STAMPEDE RESERVOIR	CA10192	* LITTLE THUKEE RACRM	DOI	USBR	* 39	28.0	*	130.0*	*	176.*	183.*	*	225.*	0.0E 0.
IR	*SPK0434*	LIVER	*	*	* 120	6.2	*	*	*	*	*	*	0.0*	3,058N 12.6
COUNTY NAME: SISKIYOU														
UPPERFALLS	*CAU0307	* MCGLEUD RIVER	*	*	* 41	14.0	*	264.0*	*	686.*	450.*	*	100.0*	0.0E 0.
	SPK0435		*	*	* 122	2.0	*	*	*	*	*	*	0.0*	42,433T 223.0

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- (2) = DEBRIS CONTROL, P=FAIR POND, D=OTHER
- (3) = INSTALLED CAPACITY AND ENERGY
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- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	OWNER	LONGITUDE	LATITUDE	DRAINAGE AREA	HEAD	INFLOW	POWER (W)	NET HEIGHT*	AVERAGE	MAXIMUM	STORAGE (GWH)	CAPACITY (MH)
	(1)														
			(2)												
COUNTY NAME: SONOMA															
KNIGHTS VALLEY	CAU0024*MAACAMA CREEK				* 38	* 38.0	* 59.0*		* 110.0*	* 110.0*	* 149.0*				
	SPN0042				* 122	* 4.5	*		*	*	*				
BIG SULPHUR	CAU0025*RIG SULPHUR CREEK				* 38	* 4.9	* 62.0*		* 192.0*	* 353.0*	* 477.0*				
	SPN0043				* 122	* 5.9	*		*	*	*				
MARSH SPRINGS DAM	CAU0032*DRY CREEK				* 38	* 42.0	*		* 11.0*						
	SPN0044				* 123	0.	*								
COUNTY NAME: STANISLAUS															
EUGENE	CAU0114*LITTLE JOHN'S CREEK				* 37	* 53.6	*		* 1019.0*	* 1634.0*	* 211.0*				
	*SPK0036*EK				* 120	* 48.7	*								
KNIGHTS FERRY	CAU0177*STANISLAUS RIVER				* 37	* 50.0	*		* 986.0*	* 1327.0*	* 121.0*				
	SPK0037				* 120	* 38.8	*								
WOODWARD RESERVOIR	CA00276*SIMMONS CREEK (01)														
IR	*SPK0038*FF STREAM														
LA GRANGE RESERVE	CA00278*TUDUMNE RIVER														
OIR	*SPK0039*														
COUNTY NAME: TEHAMA															
A-2	CAU0033*SOUTH FORK COTTORC				* 40	* 19.0	*		* 381.0*	* 516.0*	* 167.0*				
	*SPK0040*NWIND CREEK				* 122	* 26.9	*								
ANTELOPE BASIN	CAU0041*ANTELOPE,SALT,LIL*				* 40	* 12.0	*		* 48.0*		* 111.0*				
	*SPK0041*TITLE ANTELOPE				* 122	* 11.0	*								
BELLE-MILL	CAU0055*ANTELOPE CREEK				* 40	* 10.9	*		* 123.0*						
	SPK0042				* 122	* 7.6	*								

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- (3) = INCREMENTAL POTENTIAL CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM	PROJ PURP	OWNER	LATITUDE	DRAINTAGE AREA	AVG HEAD	NET INFLD (SQ MI)	POWER (MW)	STORAGE (MM)	CAPACITY (GWH)	ENERGY (3)
	(1)	CR RIVER	(2)									
DEER CRK NO 1	SPK0443*	CAU0101*DEER CRK			40 9.0	79.0*	181.*	1618.*	0.*	165.*	0.	0.
DEER CREEK NO 2	SPK0445*	CAU0102*DEER CRK			40 4.0	126.0*	194.*	628.*	0.*	0.*	0.	0.
DEER CRK NO 3	SPK0446*	CAU0103*DEER CRK			40 1.0	147.0*	226.*	1070.*	0.*	0.*	0.	0.
DEER CRK NO 4	SPK0447*	CAU0104*BRUSH CRK			39 59.0	184.0*	283.*	198.*	0.*	0.*	0.	0.
DEER CREEK HEADNO RESERVOIR	SPK0448*	CAU0106*DEER CREEK			40 16.0	50.0*	306.*	637.*	170.*	153.*	0.	0.
DEHAVEN		CAU0107*LITTLE ANTELOPE			40 13.0	123.0*	285.*	111.*	150.*	10.0	0.	0.
DIPPINGVAT LAKE		CAU0110*SOUTH FORK COTTO*CIR			40 39.7	132.0*	186.*	220.*	297.*	445.*	0.	0.
GALATIN		CAU0122*NW100 CREEK			40 1.6	92.0*	104.*	234.*	317.*	250.*	1000.*	0.
HUNTER LAKE		CAU0153*SOUTH FORK COTTO*			40 12.8	211.0*	315.*	107.*	145.*	140.*	0.	0.
IRON CANYON		CAU0161*SACRAMENTO RIVER*			40 14.0	9625.0*	12383.*	122.*	156.*	250	0.	0.
MORGAN SPRINGS		CAU0214*MILLCREEK			40 21.5	3.0*	4.*	67.*	90.*	0.	0.	0.
IVDAM		SPK0454*			122 30.0						127	0.1

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- (2) = DAM/RES CONTROL, PEARM FUND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY
- (3) = UNDEVELOPED SITES

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ*	UNER	PLATITUDE	DRAINAGE AREA	ANNUAL POWER	NET WEIGHT	MAXIMUM	STORAGE	CAPACITY	ENERGY
	(1)	CR RIVER	PIPE*	(2)	(DM, H)	(SM MI)	(GWH)	(1000	(MM)	DAM	(FT)	(GWH)
					(CDM, H)	(CFS)	(AC FT)	(3)	(3)	(FT)	(3)	(3)
COUNTY NAME: TEHAMA												
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE 9F												

PAIN DAM	*CAU0233*PAYNES CREEK	*	*	*	*	*	92.0*	213.0*	36.0*	52.0*	12.0	0.
	SPK0455	*	*	*	*	*	0*	0*	*	*	0*	0.
PAPE DAH	*CAU0235*MILL CREEK	*	*	*	*	*	86.0*	204.0*	252.0*	317.0*	200.0	0.
	SPK0456	*	*	*	*	*	48.0*	*	*	*	6.688	29.5
PASKENTA	*CAU0236*THOMES CREEK	*	*	*	*	*	165.0*	276.0*	196.0*	242.0*	400.0	0.
	SPK0457	*	*	*	*	*	34.7*	*	*	*	17.121	30.7
	*CAU0239*THOMES CRK	*	*	*	*	*	164.0*	248.0*	172.0*	233.0*	130.0	0.
PASKENTA	*SPK0458*	*	*	*	*	*	33.0*	*	*	*	16.586	29.7
ROSEWOOD LAKE	*CAU0256*DRY CREEK	*	*	*	*	*	165.0*	80.0*	118.0*	160.0*	300.0	0.
	SPK0459	*	*	*	*	*	33.1*	*	*	*	4.366	11.1
S-1	*CAU0261*SOUTH FORK COTTO*	*	*	*	*	*	20.9*	403.0*	548.0*	129.0*	575.0	0.
	*SPK0460*NWOOD CREEK	*	*	*	*	*	21.7*	*	175.0*	*	6.655	43.9
SCHOENFIELD	*CAU0264*EDEN BANK CREEK	*	*	*	*	*	6.4*	49.0*	114.0*	247.0*	280.0	0.
	SPK0461	*	*	*	*	*	32.7*	*	*	*	150.0	0.
TEHAMA RESERVOIR	*CAU0266*SOUTH FORK COTTO*CSIWU	*	*	*	*	*	19.6*	382.0*	268.0*	164.0*	900.0	0.
	*SPK0462*NWOOD CREEK	*	*	*	*	*	26.0*	*	*	*	11.017	53.4
TOM HEAD LAKE	*CAU0302*SOUTH FORK COTTO*	*	*	*	*	*	10.5*	137.0*	204.0*	142.0*	192.0	0.
	*SPK0463*NWOOD CREEK	*	*	*	*	*	33.4*	*	*	*	5.174	13.9
WING LAKE	*CAU0323*TINKS CREEK	*	*	*	*	*	20.2*	27.0*	55.0*	146.0*	191.0	0.
	SPK0464	*	*	*	*	*	6.7*	*	*	*	2.666	4.4
INSKIP POWERHOUSE	*CAU0414*SOUTH FORK BATTLEM E	*	*	*	*	*	26.1*	292.0*	450.0*	378.0*	0.0	0.
	*SPK0465*E CREEK	*	*	*	*	*	58.6*	*	*	*	40.018	69.5
BLACK BUTTE LAKE	CAU10102*STONEY CREEK	*	*	*	*	*	48.1*	736.0*	108.0*	99.0*	370.0	0.
	*DAEN SPK	*	*	*	*	*	20.2*	*	*	*	8.718	13.9
	SPK0466	*	*	*	*	*	*	*	*	*	*	*

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	DRAGAGE	NET WEIGHT	MAXIMUM	ANNUAL	POWER	OFF	STORAGE	CAPACITY	ENERGY
COUNTY NAME		CR RIVER	*	OWNER	LONGITUDE*	AREA*	HEAD*	DAM*	(Hh)	(GWh)		
	(1)	*	(2)	*	(OM.H.)	(SQ MI)	(FT)	(FT)	(ft)	(3)		
TEHAMA												
FERC POWER SUPPLY AREA 46												
FERC REGIONAL OFFICE CODE SF												
RED BLUFF DIVERS*	CA1016*	SACRAMENTO RIVER*IR	*DOI	USBR	* 40 13.0	* 281.0*	* 8450,*	* 13.0*	* 29.0*	* 4.0E	* 0.0	* 0.0
ION	*SPK0467*	*	*	*	*122 10.6	*	*	*	*	*	*	*
COUNTY NAME: TRINITY												
OLD COW CREEK	DA1022*	GOLD COW CREEK	*	*	* 40 38.0	* 22.0*	* 72.0*	* 110.0	* 0.0	* 0.0	* 0.0	
VERSION DAM	*SPK0468*	*	*	*	*123 15.5	*	*	*	*	*	*	
CLAIR ENGLE LAKE*	CA1013*	TRINITY RIVER	*	WICRO*DOI	USBR	* 40 48.1	* 668.0*	* 1640.0	* 345.0*	* 458.0*	* 2761.0*	* 106.00E
TRINITY	*SPN0045*	*	*	*	*122 45.7	*	*	*	*	*	*	
COUNTY NAME: TULARE												
EAST FORK	*CAU0115*	EAST FURK KAWeah*	*	*	* 36 27.0	* 62.0*	* 64.0*	* 580.0	* 0.0	* 0.0	* 0.0	
	SPK0460	RIVER	*	*	*118 47.0	*	*	*	*	*	*	
HUNGRY HOLLOW	*CAU0152*	DEER CREEK	*	*	* 36 5.5	*	* 0.0	* 4.0*	* 204.0	* 267.0	* 831.0	* 0.0
JUNCTION (FAIRVIEW)	*CAU0167*	KERN RIVER	*	*	* 36 56.6	*	*	*	*	*	*	
EW)	*SPK0470*	*	*	*	* 36 0.	*	* 750.0*	* 633.0	* 1040.0	* 0.0	* 190.0	* 0.0
LAHONT MEADOW	*CAU0186*	CHINKEY CREEK	*	*	* 118 29.0	*	*	*	*	*	*	
	SPK0472	*	*	*	* 35 49.0	*	* 34.0*	* 16.0	* 148.0	* 200.0	* 5.0	* 0.0
LIMEKILN	*CAU0187*	DRY CRK	*	*	* 35 16.0	*	* 642.0*	* 699.0	* 209.0	* 250.0	* 0.0	* 0.0
LITTLE KERN	*CAU0188*	FK KERN RIVER	*	*	* 118 31.5	*	*	*	*	*	*	
	SPK0473	*	*	*	* 36 8.0	*	* 508.0*	* 429.0	* 955.0	* 0.0	* 25.0	* 0.0
MIDDLE FORK	*CAU0201*	MIDDLE FORK TULE*	*	*	* 36 8.1	*	* 102.0*	* 38.0	* 103.0	* 140.0	* 13.0	* 0.0
	SPK0475	RIVER	*	*	* 118 46.8	*	*	*	*	*	*	
	*	*	*	*	*	*	*	*	*	*	*	

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- (2) = DEBRIS CONTROL, P=PARK POND, D=OTHER
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NUMBER	TOENT	NAME OF STREAM	PROJ. PURP.	OWNER	LATITUDE LONGITUDE * (DH) ²	DRAINAGE AREA * (SQ MI)	ANNUAL INFLUX * (CFS)	NET POWER * (FT) *	HEIGHT OF HEAD * (FT)	STORAGE CAPACITY * (1000 * (MH)	MAXIMUM ENERGY * (GWH)	FERC POWER SUPPLY AREA 47	FERC REGIONAL OFFICE CODE 3F
COUNTY NAME: TULARE														
NORTH FORK														
QUINCY SCHOOL	(1)	*CAU0219	*NORTH FORK TULE	*	*	* 36 10.3 *	60.0*	30.0*	20.0*	0.0*	0.0	0.0	0.0	0.0
ROCKHOUSE	*SPR0476	*RIVER	*SPR0475	*WHITE RIVER	*	* 118 47.6 *	*	*	*	*	*	*	*	4.22E+0.3
KAWeah NO 2 PWR	*CA0040	*MID FK KAWeah RIVER	*	*	*	* 35 49.0 *	98.9*	37.0*	109.0*	0.0*	0.0	0.0	0.0	0.0
RHOUSE	*SPR0479	*VER	*	*	*	* 118 57.4 *	*	*	*	*	*	*	1.48E+2.4	
KAWeah NO 1 PWR	*CA0040	*EAST FORK KAWeah RIVER	*	*	*	* 35 49.0 *	423.0*	67.0*	990.0*	150.0*	72.0*	0.0	0.0	0.0
RHOUSE	*SPR0480	*RIVER	*	*	*	* 118 12.0 *	*	*	*	*	*	*	28.95E+40.7	
KAWeah NO 3 PWR	*CA0040	*MIDDLE FORK KAWeah RIVER	*	*	*	* SOUTHERN CAL*	39 29.4 *	166.0*	99.0*	367.0*	0.0*	0.0	1.00E+13.0	
RHOUSE	*SPR0481	*MH RIVER	*	*	*	* IF. EDISON * 118 50.5 *	*	*	*	*	*	*	19.42E+31.1	
LOWER TULE PWR	*CA0013	*MIDDLE FORK TULE	*	*	*	* SOUTHERN CAL*	39 27.7 *	86.0*	95.0*	1326.0*	0.0*	0.0	2.25E+16.0	
HOUSE	*SPR0482	*RIVER	*	*	*	* IF. EDISON * 118 52.3 *	*	*	*	*	*	*	0.0	0.0
TULE RIVER PWR	*CA0017	*NORTH FORK OF TULE RIVER	*	*	*	* SOUTHERN CAL*	39 27.7 *	155.0*	99.0*	775.0*	0.0*	0.0	2.80E+25.0	
HOUSE	*SPR0483	*DODGE FORK TUL	*	*	*	* IF. EDISON C*118 54.1 *	*	*	*	*	*	*	0.0	0.0
SUCCESS LAKE	*CA0013	*TULE RIVER	*	*	*	* SOUTHERN CAL*	36 8.2 *	87.0*	26.0*	1140.0*	0.0*	0.0	2.00E+19.0	
INUS DAM	*SPR0484	*	*	*	*	* IF. EDISON * 118 47.3 *	*	*	*	*	*	*	0.0	0.0
LAKE KAWeah-TERH	*CA0014	*KAWeah RIVER	*	*	*	* PACIFIC GAS *	39 9.9 *	35.0*	26.0*	1532.0*	0.0*	0.0	4.80E+26.5	
INUS DAH	*SPR0485	*	*	*	*	* AND ELEC. * 118 43.2 *	*	*	*	*	*	*	0.0	0.0
COUNTY NAME: TUOLUMNE														
BELL MEADOWS RES	*CAU0053	*HELL CREEK	*	*	*	* 36 3.5 *	391.0*	179.0*	102.0*	137.0*	202.0*	0.0	0.0	0.0
ERVOIR	*SPR0486	*	*	*	*	* 119 55.1 *	*	*	*	*	*	*	4.22E+11.2	
LEGEND														
(1)	TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.													
(2)	PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NARROW, S=WATER SUPPLY, R=RECREATION.													
(3)	E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)													
(3)	U=UNINSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)													

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NARROW, S=WATER SUPPLY, R=RECREATION.
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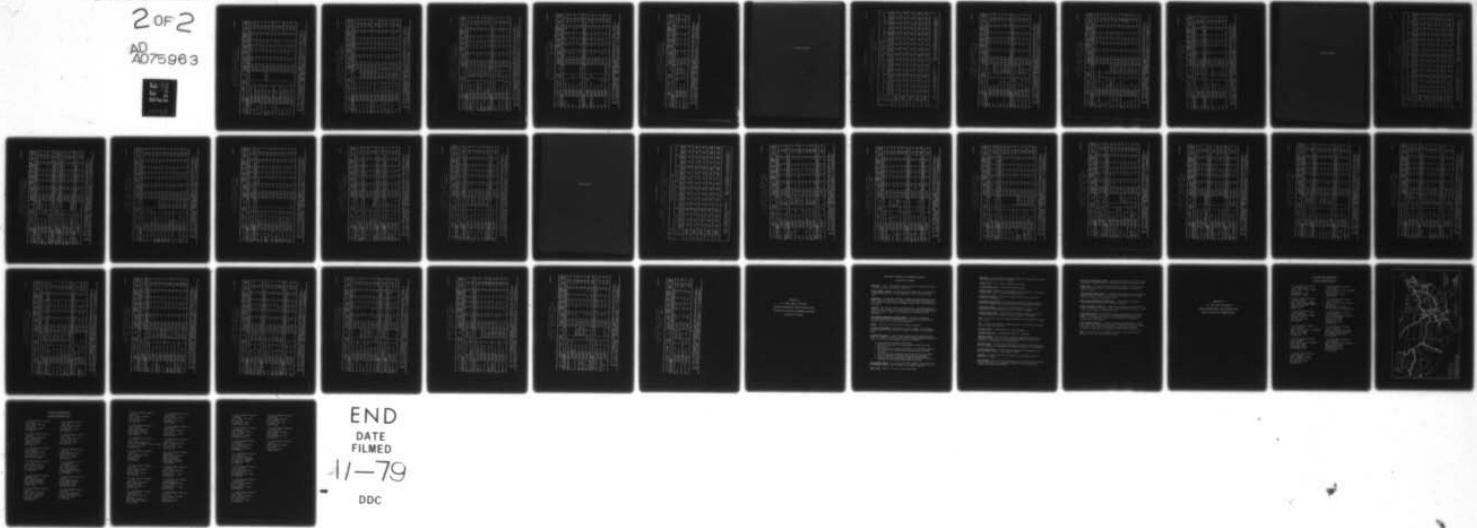
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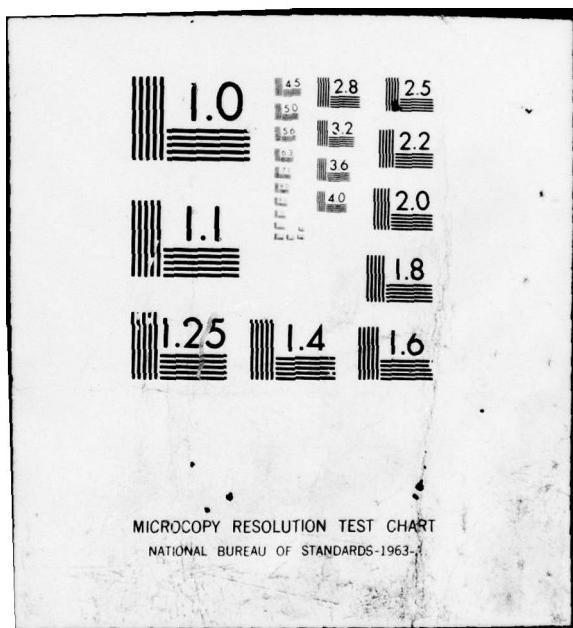
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT	NAME OF STREAM	PROJ A	PLATITUDE	DRAINAGE AREA	ANNUAL POWER	NET HEIGHTS	MAXIMUM ENERGY
	NUMBER	CR RIVER	PURPA	OWNER	HEAD	INFLOW	DAM	(MM)
	(1)							(3) (3)
COUNTY NAME	TUOLUMNE							
BIG HUMBURG CREEK	CAU0056*TUOLUMNE RIVER			* 37 53.0 *	1105.0*	1772. *	233. *	0. *
	SPR0487			* 120 13.0 *				
BIG TREES	*CAU0058*NORTH FORK STANISLAUS RIVER			* 38 17.0 *	147.0*	374. *	293. *	396. *
	SPR0488			* 120 14.7 *				
BROWNS MEADOW	*CAU0066*NORTH FORK TUOLUMNE RIVER			* 38 7.2 *	11.0*	29. *	222. *	77. *
	SPR0491			* 120 4.7 *				
GANN'S POWERHOUSE	*CAU0133*NORTH FORK STANISLAUS RIVER			* 38 24.5 *	49.0*	43. *	1418. *	150. *
	SPR0490			* 120 4.7 *				
HARDEN FLAT RESERVOIR	*CAU0144*SOUTH FORK TUOLUMNE RIVER			* SAN FRANCISCO CO COUNTY	85.0*	196. *	152. *	205. *
	SPR0491							
INGALLS	*CAU0159*CLAYEY RIVER			* 37 56.0 *	102.0*	235. *	1700. *	0. *
	SPR0492			* 120 13.0 *				
KENNEDY MEADOWS	*CAU0176*MIDDLE FORK STANISLAUS RIVER			* 38 18.5 *	48.0*	146. *	49. *	121. *
	SPR0493			* 119 45.0 *				
LORDS RESERVOIR	*CAU0190*MULL CHEEK			* 38 3.4 *	10.0*	30. *	96. *	130. *
	SPR0494			* 120 4.5 *				
PAPER CARIN	*CAU0236*NORTH FORK TUOLUMNE RIVER			* 37 54.0 *	195.0*	496. *	700. *	0. *
	SPR0495			* 120 14.0 *				
SAND BAR	*CAU0267*MIDDLE FORK STANISLAUS RIVER			* 38 11.0 *	311.0*	665. *	391. *	0. *
	SPR0496			* 120 6.0 *				
SOUTH FORK	*CAU0280*SOUTH FORK TUOLUMNE RIVER			* 37 49.0 *	108.0*	249. *	824. *	0. *
	SPR0497			* 120 0. *				
STONE MEADOW	*CAU0290*UNNAMED TRIB TO RIO TONALA			* 37 51.0 *	47.0*	9. *	80. *	105. *
	SPR0498			* 119 51.1 *				

LEGEND

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, DEBRIS CONTROL, PASTURE, NAVIGATION, SEWER SUPPLY, RECREATION,
- (3) = INSTALLED CAPACITY AND ENERGY NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (1) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	IDENT #	NAME OF STREAM	PROJ #	PLATITUDE	LONGITUDE	ANNUAL FLOW	STORAGE AREA	CAPACITY	ENERGY
	NUMBER	CR RIVER	PUPP	CHEN	AHEA	DAM	(1000 MM)	(MW)	(GWh)
	(1)	(2)		(0M.R.)	(SU MIJ)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: TUOLUINE									
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF									
UPPER CLAVEY	CAU0305	CLAVEY RIVER		* 37 59.0	* 135.0*	511.0	1935.0	0.0*	60.0E 0.0
	SPR0499			* 120 3.0	*	*	*	*	*T 221.44E 401.7
EARLY IN TAKE	CA00120*	TUOLUINE RIVER	S	* CITY COUNTY	* 37 52.5	488.0*	311.0	41.0*	0.0E 0.0
	SPR0500			*S FRANCISCO	* 119 57.3	*	*	*	*N 4.01E 17.0
LAKE ELEANOR	CAU0121	ELEANOR CREEK	S	* CITY COUNTY	* 37 58.4	78.0*	65.0	48.0*	28.0E 0.0
	SPR0501			*S FRANCISCO	* 119 52.7	*	*	*	*N 2.33E 5.2
MOCCASTIN LOWER	CA00122*	HOCCASTIN CREEK	S	* CITY COUNTY	* 37 48.7	26.0*	79.0	45.0*	1.0E 0.0
	SPR0502			*S FRANCISCO	* 120 18.3	*	*	*	*N 1.29E 2.3
HETCH HETCHY RSV	CA00123*	TUOLUINE RIVER	S	* CITY COUNTY	* 37 56.9	455.0*	999.0	1450.0*	360.0E 67.50E
RIOSHAUGNESSY	CA00124*	TUOLUINE RIVER	S	*S FRANCISCO	* 119 47.2	*	*	*	0.0E 622.0
PRIEST RESERVOIR	CA00124*	RATTLESNAKE CREEK	S	* CITY COUNTY	* 37 48.1	3.0*	650.0	139.0	2.0E 0.0
	SPR0504			*S FRANCISCO	* 120 15.9	*	*	*	*N 0.33E 0.0
CHERRY LAKE	CAU0125*	CHERRY CREEK	S	* CITY COUNTY	* 37 58.5	193.0*	670.0	2481.0*	268.0E 135.00E
	SPR0505			*S FRANCISCO	* 119 54.5	*	*	*	772.0 0.0E 67.50E
BEARDSLEY LAKE	CA00263*	MID FK STANISLAUH I	I	* OAKDALE S	S 38 12.2	316.0*	635.0	264.0*	98.0E 0.0
	SPR0506	RIVER		* AN JOAQUIN ID	* 120 4.5	*	*	*	*N 0.0E 0.0
DONNELLS RESERVOIR	CA00264*	MID FK STANISLAUH I	I	* OAKDALE S	S 38 19.8	224.0*	240.0	1484.0*	65.0E 0.0E
	SPR0507	S FIVE		* AN JOAQUIN ID	* 119 57.7	*	*	*	*N 54.00E 279.0
DON PEDRO	CA00281*	TUOLUINE RIVER	I	* R TURLOCK AND	* 37 42.0	1546.0*	1466.0	530.0*	503.0E 0.0E
	SPR0509			* S MUNICIPAL	* 120 25.2	*	*	*	*N 0.0E 0.0
LYONS	CA00387*	FK STANISLAUH I	I	* PACIFIC GAS	* 38 5.6	67.0*	129.0	1190.0*	6.0E 1.60E
	SPR0510	RIVER		* ELECT CO	* 120 10.1	*	*	*	*N 11.40E 42.0

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(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	IDENT	NAME OF STREAM	PRJ#	LATITUDE	DRAINAGE AREA	ANNUAL POWER	NET MAXIMUM ENERGY
		CR RIVER	PURP	CHN#	HEAD	INFLOW	STORAGE CAPACITY
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
COUNTY NAME: TUOLUMNE							
PINECREST LAKE	*CA00388*FM STANISLAUS SH STRAWBERRY LAKE)	*SPK0511ARIVER		*PACIFIC GAS	* 38 12.0	27.0*	100.* 116.* 139.* 19.* 0.* E
				* ELECT CO	* 119 59.3	*	*
RELIEF RESERVOIR	*CA00390*RELIEF CREEK			*PACIFIC GAS	* 36 16.8	28.0*	136.* 112.* 132.* 15.* E 0.* E
				* ELECT CO	* 119 43.9	*	*
STANISLAUS FORE*CA00391*STANISLAUS RIV HAY				*PACIFIC GAS	* 38 6.8	380.0*	635.* 1525.* 56.* 0.* E 81.90*E 406.*2
				* ELECT CO	* 120 21.2	*	*
SPICERS MEADOW RESERVOIR	*CA00425*HIGHLAND CREEK			*S PACIFIC GAS	* 38 23.6	42.0*	125.* 48.* 56.* 4.* E 0.* E 0.* E
				* ELECT CO	* 119 59.8	*	*
SPRING GAP POWER*CA0016*SOUTH FORK STANISH HOUSE				*PACIFIC GAS	* 38 21.5	46.0*	86.* 1665.* 0.* 0.* E 6.00*E 48.5
				* MANU ELECT.	* 120 7.1	*	*
MOCASSIN CREEK PEAKAD025*HETCHY AGUAH OVERHOUSE				* HETCH HETCHY	* 37 48.0	-0.*	0.* E 90.00*E 548.0
COUNTY NAME: VENTURA				* WTR AND PWR	* 120 18.7	*	*
MATILJA	*CA00312*MATILJA CREEK			* VENTURA COU#	* 34 29.1	56.0*	28.* 105.* 120.* 4.* E 0.* E 0.* E
				* TV FC DIST	* 119 18.5	*	*
SANTA FELICIA	*CA00805*PIRUM CR			* SD I UNITED WATERS	* 34 27.7	422.0*	55.* 153.* 180.* 100.* E 0.* E 0.* E
				* CUNS DIST	* 118 45.1	*	*
(LAKE) CASITAS	*CA10139*COYOTE CREEK			* DULI USBR	* 34 22.7	39.0*	13.* 227.* 279.* 287.* E 0.* E 0.* E
				* SPL0134*	* 119 19.8	*	*
LAKE CASITAS-CAS	*CA10140*COYOTE CREEK OFFAISC ITAS SADDLE DIKE*SPL0135*STREAM			* DULI USBR	* 34 24.2	39.0*	20.* 26.* 32.* 287.* E 0.* E 0.* E
				* 119 19.5	*	*	*

LEGEND

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CEFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION, DEDEHRIS CONTROL, PEFAHM POND, DEOTHE
- (3) = E=INSTALLED CAPACITY AND ENERGY
- (3) = NEW INCREMEN T CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (2) = FOR EXISTING DAMS
- (3) = FOR UNDEVELOPED SITES

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ CR RIVER	OWNER	POWER AREA	DRAINAGE AREA	LATITUDE	LONGITUDE	POWER	STORAGE	CAPACITY	ENERGY
(1)	(2)											
CITY NAME: YOLO												
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE 3F												

BLUE RIDGE												
*CAU0062*CACHE CREEK												
SPK0517												
*CAU0065*CACHE CRK												
SPK0518												
*CAU0143*CACHE CRK												
*ICR												
SPK0519												
*CAU0225*DAT CRK												
SPK0520												
PUTAH DIVERSION												
*CA10180*PUTAH CREEK												
*ISRD												
*DUI												
*USR												
SPK0521												
CITY NAME: YOLO												
FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE 3F												

BANGOR												
*CAU0050*NORTH HONCUT CREEK												
*SPK0522*EK												
MARYSVILLE LAKE												
*CAU0198*YUBA RIVER												
(PARKS BAR SITE)*SPK0523*												
NEW YORK												
SPK0524												
*CAU0312*DRY CRK												
SPK0525												
*CAU0314*N FK. YUBA RIVER												
SPK0526												
VIRGINIA RANCH												
*CA00062*FRENCH DRY CREEKS/DIN BROWNS VALLE*												
SPK0527												

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 (2) = PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, CIVIL CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION,
 DEERHORN CONTROL, PEARL POND, OTHER
 (3) = E=INSTALLED CAPACITY AND ENERGY
 N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 T=TOTAL POTENTIAL CAPACITY AND ENERGY
 (3) = U=UNINSTALLED CAPACITY AND ENERGY

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/1991)

GENE END

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 (2) = PROJECT PURPOSES IRRIGATION, HYDROELECTRIC, CAFODOR CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION,
 DREDGING CONTROL, PEFARM POND, OTHER
 (3) = E=INSTALLED CAPACITY AND ENERGY
 (3) = U=INSTALLED CAPACITY AND ENERGY
 (3) = M=INSTALLED CAPACITY AND ENERGY
 (3) = T=TOTAL POTENTIAL CAPACITY AND ENERGY
 (3) = N=MEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) = F=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

STATE OF HAWAII

PRELIMINARY ESTIMATE . . .

(07/08/79)

PHYSICAL POTENTIAL FOR ADDITIONAL
HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT
IN THE STATE OF HAWAII

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
 COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING SITES
 COLUMN 3 = UNDEVELOPED POTENTIAL

CAPACITY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PHELIINIAKY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF HAWAII

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ#	OWNER	Latitude	Longitude	AVERAGE DRAINAGE AREA	NET HEIGHT	ANNUAL FLOW	STORAGE CAPACITY	ENERGY (GWH)
PUUEO	HHT00126*#WAIKUA #PWH0002*	WAIKUA	#H	WAIKUA LIGHT CO	19 43.8 *155	155 5.6	14.0A *37.3	14.0A *0.0	71.0A *0.0	253.0A *0.0	0.0A *0.0
WAIAU	HHT00129*#WAIKUA #PWH0003*	WAIKUA	#H	WAIKUA SUGAR CO	19 43.4 *155	155 7.3	0.0A *0.0	0.0A *0.0	400.0A *0.0	0.0A *0.0	2.25E *0.0
HONOKAA	HHT00130*#LOWER HAMAKUA #PWH0004*	HAMAKUA	#HI	HAMAKUA SUGAR CO	20 5.6 *155	155 28.2	0.0A *0.0	0.0A *0.0	415.0A *0.0	0.0A *0.0	0.0E *0.0
PAPAIKOU HILL	HHT00131*#OFFSTREAM #PWH0005*	OFFSTREAM	#H	HAMAKUA COAST PROCESSING CO	19 47.0 *155	155 5.4	0.0A *0.0	0.0A *0.0	207.0A *0.0	0.0E *0.0	1.35E *0.0
UNION	HHT00132*#KOHALA DITCH #PWH0006*	KOHALA DITCH	#H	KOHALA CORPO RATION	20 14.5 *155	155 48.7	0.0A *0.0	0.0A *0.0	565.0A *0.0	0.0E *0.0	0.0E *0.0
COUNTY NAMES	HONOLULU										
KANEHOHE	KAILUA	HHT0002*#KAHUCAUAI STREAM	#CP	C+C MONOLULU	21 23.7 *157	157 46.4	3.0A *0.0	10.0A *0.0	56.0A *0.0	4.0E *0.0	0.0E *0.0
NUUANU	RESERVOIR	HHT0001*#NUUANU STREAM	#CR	MONOLULU BOA	21 21.3 *157	157 48.6	2.0A *0.0	4.0A *0.0	51.0A *0.0	4.0E *0.0	0.0E *0.0
WAIAHAWA	RESERVOIR	HHT0017*#KAUKNNAHUA STREAM	#R	RD OF WATER	21 30.0 *158	158 3.1	17.0A *0.0	203.0A *0.0	88.0A *0.0	9.0E *0.0	0.0E *0.0
KU TREE	RESERVOIR	HHT0025*#TRAKAUKNNAHUA ST	#D	CASTLE AND CO LTD	21 30.0 *157	157 59.0	1.0A *0.0	3.0A *0.0	80.0A *0.0	1.0E *0.0	0.0E *0.0
R				FERC POWER SUPPLY AREA 50							
				FERC REGIONAL OFFICE CODE SF							

W E N D

- (1) = TUP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
 (2) = PROJECT PURPOSES IMMIGRATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEAWATER SUPPLY, RERECHARGEIN,
 (2) = DEOMRIS CONTROL, PAFARM POND, ODEMTER
 (2) = E=INSTALLED CAPACITY AND ENERGY
 (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) = U=INSTALLED CAPACITY AND ENERGY
 (3) = TOTAL POTENTIAL CAPACITY AND ENERGY

(07/09/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF HAWAII

	IDENT	NAME OF STREAM	PURP	OWNER	SLATITUDE	DRAINAGE AREA	ANNUAL INFLUX	STORAGE CAPACITY (MH)	MAXIMUM ENERGY (GWH)
PROJECT NAME	NUMBER	CH RIVER	(2)	(1)	LONGITUDE (DM.)	HEAD (FT)	HEAD (FT)	DAH (MH)	(MH)
COUNTY NAME: KAUAI									
FERC POWER SUPPLY AREA SU FERC REGIONAL OFFICE CODE SF									
HANALEI	*HIU0001*HANALEI RIVER	RH		*22 7.9 *	104. *	263. *	0. *	0. *	0. *
	PH00011			*159 26.1 *			0. *	0. *	0. *
KOME WATER PROJ	*HIU0003*KAWAIKOI STREAM	RH	STATE	*22 8.0 *	1.0*	9. *	960. *	234. *	4.48E+16.5
ECT	*PH0012*			*159 37.1 *			0. *	0. *	0. *
LUMAHAI	*HIU0004*LUMAHAI RIVER	RH		*22 12.0 *	10.0*	162. *	312. *	0. *	0. *
	PH0013			*159 32.4 *			0. *	0. *	0. *
WAIALEALE	*HIU0005*SCOUTH FORK WAILUA RIVER	RH	STATE	*22 2.0 *	16.0*	90. *	144. *	165. *	33.6E+0
	PH0014			*159 26.0 *			0. *	0. *	0. *
PUU LUA RESERVOIR	*HI00002*H=HAELLELE STREAM	R	CQ LTD	*22 5.5 *	7.0*	61. *	66. *	105. *	1.0E+0
	PH0015			*159 40.9 *			0. *	0. *	0. *
KAPAIA RESERVOIR	*HI00012*HANANAULU STREAM	R	LTIHUE PLANT	*22 1.2 *	2.0*	10. *	37. *	45. *	1.72E+3.0
	PH0016			*159 23.9 *			0. *	0. *	0. *
KOLOKO RESERVOIR	*HI00030*OFFSTREAM	R	ATTN CO LTD	*22 10.6 *	1.0*	10. *	36. *	44. *	1.0E+0
	PH0017			*159 22.9 *			0. *	0. *	0. *
ALEXANDER RESERV	*HI00098*WAHTAWA STREAM	RHS	MARY N LUCAS	*22 57.6 *	3.0*	14. *	700. *	129. *	0.07E+0.2
DIR	*PH0018*			*159 31.6 *			0. *	0. *	0. *
MAINIHA	*HI00132*MAINIHA	RH	MCARYUE SUGAR	*22 11.9 *	13.0*	181. *	565. *	0. *	3.60E+24.0
	PH0019			*159 33.5 *			0. *	0. *	0. *
UPPER LIHUE	*HI00133*WAIAHAI	RH	LIHUE PLANT	*22 1.5 *	0. *	0. *	247. *	0. *	1.931E+38.9
	PH0020			*159 28.0 *			0. *	0. *	0. *
LOWER LIHUE	*HI00134*FK WAI LUA	RH	ALIUME PLANT	*22 1.3 *	0. *	0. *	206. *	0. *	0.80E+5.0
	PH0021			*159 26.6 *			0. *	0. *	0. *
HYDRO KAUMAKANI	*HI00135*HAKAHELI	RH	MOLOKELE SUGAR	*22 0.2 *	5.0*	17. *	211. *	0. *	0.50E+3.1
	PH0022			*159 36.9 *			0. *	0. *	0. *

LEGEND

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CFLOOD CONTROL, NAVIGATION, WATER SUPPLY, RECREATION,
- (2) = DEPARTS CONTROL, PEFARM POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY NAME INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

D E G E N

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
 (2) = PROJECT PURPOSE: INTRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEAWATER SUPPLY, REREGRATION,
 DREDGING, CONTROL, PEEFAN POND, RECREATION
 (2) = E=INSTALLED CAPACITY AND ENERGY
 (3) = N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) = U=INSTALLED CAPACITY AND ENERGY
 T=TOTAL POTENTIAL CAPACITY AND ENERGY
 (FOR UNDEVELOPED SITES)

STATE OF NEVADA

PRELIMINARY ESTIMATE

01/08/79

PHYSICAL POTENTIAL FOR ADDITIONAL
HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT
IN THE STATE OF NEVADA

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
 COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
 COLUMN 3 = UNDEVELOPED POTENTIAL

COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
 CAPACITY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATTS)
 ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOURS)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF NEVADA

(07/09/79)

PROJECT NAME	NUMBER	IDENT	NAME OF STREAM	PHOJA	SLATITUDE	DRAINAGE AREA	ANNUAL SPONER	NET HEIGHT	MAXIMUM ENERGY
			CR RIVER	PUPA	LONGITUDE	(SU MI)	INFLOW	OF DAM	CAPACITY (GWH)
PROJECT NAME	(1)	(1)	*	*	*	*	*	*	*
COUNTY NAME	CHURCHILL		*	*	*	*	*	*	*
OLD RIVER RESERVOIR	NV00086	*NVR00086	CARSON RIVER	*	*TRUCKEE CARS	39 32.4	2000.0*	123.0	17.0
DIR (SAGINUSPE DA 3PK0735*)			*	*	*	*	*	*	*
CARSON RIVER DIV	NV10120	*NVR10120	CARSON RIVER	*	*	*	*	*	*
ERISON	SPK0736*		*	*	*	*	*	*	*
LANTIAN RESERVOIR	NV10123	*NVR10123	CARSON RIVER	*	*	*	*	*	*
IR	SPK0737*		*	*	*	*	*	*	*
STILLWATER POINT	NV10133	*NVR10133	STILLWATER CANAL	*	*	*	*	*	*
RESERVOIR	SPK0738*		*	*	*	*	*	*	*
COUNTY NAME	CLARK		*	*	*	*	*	*	*
(LAKE HEAD) HOOD	NV10122	*NVR10122	COLORADO RIVER	*	*	*	*	*	*
ER DAM	SPK0136*		*	*	*	*	*	*	*
COUNTY NAME	DOUGLAS		*	*	*	*	*	*	*
MATASHEAHU RESER	NVU0015	*NVU0015	EAST FORK CARSON RIVER	*	*	*	*	*	*
VOR	SPK0739*		*	*	*	*	*	*	*
HOE CANYON RESER	NVU0020	*NVU0020	WALKER RIVER	*	*	*	*	*	*
RVOR	SPK0740*		*	*	*	*	*	*	*
TOPAZ RESERVOIR	NVU0093*	*NVU0093	WALKER RIVER (+1)	*	*	*	*	*	*
	SPK0741*OFF STREAM)		*	*	*	*	*	*	*
COUNTY NAME	ELKO		*	*	*	*	*	*	*
PAISVILLE	NVU0001	*NVU0001	EAST FORK PAYHEEH	*	*	*	*	*	*
	NPNA0386*		*	*	*	*	*	*	*

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAM CROSS REFERENCE ID, BOTTOM LINE UFFEINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=LOOD CONTROL, P=POWER, N=NAVIGATION, M=MATERIAL, R=RECREATION.
- (2) = OTHERS CONTROL, P=POWER, D=DRINK, O=OTMEN
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY
- (3) = TUTUAL POTENTIAL CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = FNR UNDEVELOPED SITES

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF NEVADA

PROJECT NAME	IDENT #	NAME OF STREAM	PROJS NUMBER	CR RIVER	PUPA UNNER	SLATITUDE (DEGREES)	LONGITUDE (DEGREES)	AVERAGE POWER	NET WEIGHT	MAXIMUM CAPACITY	ENERGY
SKULL CREEK	NV0002010YHEF RIVER	* SH	*	*	* 41 55.0 *	* 458.0*	* 140. *	* 225. *	0. *	0. *	0.
VISTA RESERVOIR	NV000105MARYS RIVER	* ICH	*	*	* 41 19.8 *	* 373.0*	* 55. *	* 50. *	50. *	0. *	0.
MYTTON RESERVOIR	NV0016* SOUTH FONK HUMBOROCIHO	* SPK0743*LOT	*	*	* 40 40.0 *	* 1150.0*	* 90. *	* 68. *	210. *	0. *	0.
DEVILS GATE RESER	NV0017*NORTH FORK HUMHOR	* SPK0744*LOT RIVER	*	*	* 41 11.0 *	* 676.0*	* 74. *	* 67. *	80. *	0. *	0.
BISHOP CREEK RES	NV0005*ARISHCP CREEK	* SPK0745*	*	*	* PACIFIC HECL* 41 15.3 *	* 68.0*	* 110. *	* 41. *	55. *	30. *	0.
WILLOW CREEK RESERVO	NV0015*WILLCW CREEK	* SPK0746*	*	*	* ELLISUN RANG* 41 13.6 *	* 109.0*	* 20. *	* 78. *	92. *	18. *	0.
CRITTENDEN RESERVO	NV0010*CHITTENDEN CREEK*I	* SPK0747*	*	*	* KING CC 41 32.3 *	* 116. *	*	*	*	0. *	0.
WAKE RESERVOIR	NV00109*THOUSAND SPRING*I	* SPK0748*CREEK	*	*	* MESQUITE LANE 41 31.4 *	* 107.0*	*	*	*	0. *	0.
21 MILE RESERVOI	NV00110*THOUSAND SPRINGS*I	R	*	*	* D CU 41 10.3 *	* 114. *	*	*	*	0. *	0.
NO NAME	NV00142*NO NAME	*	*	*	* MESQUITE LANE 41 21.8 *	* 1421.0*	*	*	*	0. *	0.
LAMOILLE POWER PL	NV000101LAMOILLE CREEK	*	*	*	* D CO 41 5.0 *	* 114. *	*	*	*	0. *	0.
WELLS POWERPLANT	NV0002*TRNTNUT CREEK	*	*	*	* CLIFFS COPPE* 41 49.0 *	* 15.0*	*	*	*	0. *	0.
	* SPK0750*	*	*	*	* R CUPP 41 58.7 *	* 115. *	*	*	*	0. *	0.
	* SPK0751*	*	*	*	* NEVADA POWER 40 41.5 *	* 25.0*	*	*	*	0. *	0.
		*	*	*	* CU 41 28.5 *	* 115. *	*	*	*	0. *	0.
		*	*	*	* WELLS RURAL 41 5.5 *	* 3.0*	*	*	*	0. *	0.
		*	*	*	* ELECTRIC CO0115 7.0 *	* 115. *	*	*	*	0.25*	0.

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF NEVADA

(07/09/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	OWNER	LATITUDE	LONGITUDE	ANNUAL DRAINKAGE AREA	HEAD	INFLON	STORAGE	CAPACITY (MH)	MAXIMUM (MH)
LOWER MAGGIE CREEK	NVU0014	MAGGIE CREEK	*IC	EK	*40 54.0	*116 22.0	345.0*	13.0*	70.0*	95.0*	32.0*	0.0*
CHIMNEY RESERVOIR	NVU0031	LITTLE HUMBOLDT	*CI	R	*41 23.2	*117 11.4	790.0*	15000000.0*	67.0*	90.0*	127.0*	0.0*
SENTINEL ROCK	NVU0054	SCRIBBLEY CREEK	*IC		*41 42.5	*117 57.2	105.0*	19.0*	67.0*	90.0*	19.0*	0.0*
MCDEMOTT CREEK	NVU0066	MCDERMOTT CREEK	*IC		*41 58.0	*117 51.0	224.0*	41.0*	163.0*	220.0*	52.0*	0.0*
FORT MCDEMOTT	NVU0074	JUINN RIVER	*IC		*41 58.5	*117 35.0	140.0*	26.0*	140.0*	190.0*	44.0*	0.0*
SUGARLOAF RESERVOIR	NVU0069	MARTIN CREEK	*IC	OIR	*41 32.2	*117 25.0	172.0*	32.0*	259.0*	350.0*	167.0*	0.0*
HARDSCRABBLE RESERVOIR	NVU0075	MARTIN CREEK	*IC		*41 35.5	*117 19.0	108.0*	20.0*	140.0*	190.0*	74.0*	0.0*
GREELY FLAT RESERVOIR	NVU0104	FONK LITTLE	*IC		*41 59.8	*117 12.0	120.0*	22.0*	100.0*	135.0*	89.0*	0.0*
HOT SPRINGS RESERVOIR	NVU0111	LITTLE HUMBOLDT	*IC		*41 24.5	*117 20.0	1080.0*	59.0*	80.0*	100.0*	52.0*	0.0*
LOWER LATUN SPRING	NVU0125	SOUTH FORK LITTLE	*IC	ING	*41 27.5	*117 4.0	495.0*	12.0*	81.0*	110.0*	67.0*	0.0*
THOUSAND CREEK	NVU0116	THOUSAND CREEK	*IR	AM	*41 53.7	*118 39.5	60.0*	30.0*	23.0*	31.0*	60.0*	0.0*
	NVP#2614*										.09RN	.02

LEGEND

- (1) = TOP LINE IS INVERTED DUE TO DAM CROSS REFERENCE ID.
- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, PEAK POND, OEMTER, WATER SUPPLY, RECREATION.
- (2) = DEMERSAL CONTROL, PEAK POND, OEMTER
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = TOTLAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
IN THE STATE OF NEVADA

(07/09/79)

PROJECT NAME	IDENT	NAME OF STREAM	PROJS	BLATITUDE	DLAINAGE AREA	ANNUAL SPIDER	OF	NET WEIGHTS MAXIMUM	STORAGE CAPACITY ENERGY
ROCK CREEK RESERVOIR	SPK0762	CR RIVER	UWEN	40° 52.5'	615.00	30.0	%	0.0	0.0
VOIR				40° 40.0	0	0	%	0.0	0.0
COUNTY NAME: LANDER							%	0.0	0.0
EUREKA RESERVOIR	SPK0763	CARSON RIVER	PHIC	39° 12.0	676.00	395.0	%	0.0	0.0
PAIUTE RESERVOIR	SPK0764	CARSON RIVER OFFC		39° 36.0	0	0	%	0.0	0.0
26 FOOT DRIP PUMP	SPK0765	CANAL (CARSON RIVER PLANT)		39° 12.0	676.00	718.0	%	5.00	0.0
COUNTY NAME: LYON				39° 36.0	0	0	%	0.0	0.0
WEBER RESERVOIR	SPK0766	VALDEN RIVER	ADU DIA	39° 2.7	2700.00	158.0	%	35.0	0.0
COUNTY NAME: PERIODIC				51.0	0	0	%	0.0	0.0
UPPER PITT TAYLOR	SPK0767	HUMBOLDT RIVER	*PCMCU	40° 38.3	15700.00	207.0	%	15.0	24.0E
N RESERVOIR				16.5	0	0	%	0	0.0
LOWER PITT TAYLOR	SPK0768	HUMBOLDT RIVER	*PCHCD	40° 36.3	15700.00	207.0	%	0	0.27N
N RESERVOIR				16.0	0	0	%	0	1.1
HYE PATCH RESERVOIR	SPK0769	HUMBOLDT RIVER	*IHW. *DUI	40° 28.2	13700.00	167.0	%	0	0.0
DIA				16.0	0	0	%	0	0.0

LEGEND

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- (2) = PROJECT PURPOSE: TREATMENT, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION.
- (2) = DEBRIS CONTROL, PEEWH POOL, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY NAMEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF NEVADA

(07/09/79)

PROJECT NAME	NAME OF STREAM	PROJ#	LATITUDE	DRAINAGE AREA	ANNUAL POWER	NET WEIGHTS	STORAGE CAPACITY	ENERGY (GWH)
COUNTY NAME	CR RIVER	PURP#	DIMEN	HEAD	INFLUX	OF	OF	(LHS)
FERC POWER SUPPLY AREA 4b FERC REGIONAL OFFICE CODE SF								
FERC POWER SUPPLY AREA 4b FERC REGIONAL OFFICE CODE SF								
DERBY DAM	NV10121*TRUCKEE RIVER	*1HS	*10U1	USBR	*39 35.2	*1700.0*	*800.0*	*15.0*
ASPK0770A					*119 26.0			
FERC POWER SUPPLY AREA 4b FERC REGIONAL OFFICE CODE SF								
COUNTY NAME: WASHOE								
UPPER WALL CREEK	NV00023*WALL CREEK	*1I	*LEWIS COOKR#	41 9.9	243.0*	78.0*	47.0*	55.0*
RESERVOIR	SPK0771A	*1L	*119 49.0					
HIGHLAND RESERVOIR	NV00067*TRUCKEE RIVER	*1I	*SIERRA PACIF#	39 32.5	1067.0*	679.0*	90.0*	10.0*
IR	SPK0772A	*1I	*MIC POWER CO	*119 49.7				
MARLETTE LAKE	NV00069*MARLETTE CREEK	*1S	*STATE OF NEV	39 10.3	3.0*	0.0*	37.0*	43.0*
RESERVOIR	SPK0773A	*1A	*ADA	*119 54.4				
FLEISH POWERPLANT	NV00031*TRUCKEE RIVER	*1H	*SIERRA PACIF#	39 28.5	978.0*	600.0*	125.0*	0.0*
T	SPK0774A	*1H	*IC POWER CO	*119 59.5				
VERDI POWER PLANT	NV00045*TRUCKEE RIVER	*1H	*SIERRA PACIF#	39 31.5	994.0*	800.0*	96.0*	10.0*
IR	SPK0775A	*1H	*IC POWER CO	*119 58.7				
VERDI DIVERSION	NV00046*TRUCKEE RIVER	*1H	*SIERRA PACIF#	39 31.4	1028.0*	800.0*	88.0*	0.0*
DAM WASHOE POWER	SPK0776A	*1H	*IC POWER CO	*119 57.6				
COUNTY NAME: WHITE PINE								
KEYSTONE RESERVOIR	NV00023*GLEASUN CREEK IR	*1C	*39 18.0	55.0*	95.0*	34.0*	46.0*	2.0*
	SPK0777A	*1C	*114 58.5					
FERC POWER SUPPLY AREA 4b FERC REGIONAL OFFICE CODE SF								

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, POND, OTHER
- (2) = DEBTORS CONTROL, PEARL POND, GEMM
- (3) = INSTALLED CAPACITY AND ENERGY NEVER INCREMENTAL POTENTIAL CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY

STATE OF UTAH

• • • PRELIMINARY ESTIMATE • • •

(07/08/79)

PHYSICAL POTENTIAL FOR ADDITIONAL
HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT
IN THE STATE OF UTAH

		POTENTIAL INCREMENTAL CAPACITY RANGES							
		0.5 MW < 15 MW		15 MW < 25 MW		GREATER THAN 25 MW		TOTAL	
EXISTS UNDEVELOPED TOTAL									
*	H	AC	H	AC	H	AC	H	AC	H
*	E	AUT	E	AUT	E	AUT	E	AUT	E
*	A	END	A	END	A	END	A	END	A
*	D	SUTA	D	SUTA	D	SUTA	D	SUTA	D
*	I	BLAND	I	BLAND	I	BLAND	I	BLAND	I
*	N	HALD	N	HALD	N	HALD	N	HALD	N
*	F	AT	F	AT	F	AT	F	AT	F
*	E	TI	E	TI	E	TI	E	TI	E
*	E	VIN	E	VIN	E	VIN	E	VIN	E
*	T	EIN	T	EIN	T	EIN	T	EIN	T
*	E	INST	E	INST	E	INST	E	INST	E
*	P	OTEN	P	OTEN	P	OTEN	P	OTEN	P
*	C	INCR	C	INCR	C	INCR	C	INCR	C
*	1	CAPA	1	CAPA	1	CAPA	1	CAPA	1
*	2	CAPA	2	CAPA	2	CAPA	2	CAPA	2
*	3	CAPA	3	CAPA	3	CAPA	3	CAPA	3
*	4	CAPA	4	CAPA	4	CAPA	4	CAPA	4
*	NUMBER	0	7*	0*	7*	0*	0*	0*	7*
*	0=19	CAPCTY	0.0*	2.5*	0.0*	2.5*	0.0*	0.0*	0.0*
*	*ENERGY	U.0*	5.1*	U.0*	5.1*	U.0*	0.0*	0.0*	5.1*
*	NUMBER	1*	20*	2*	22*	0*	0*	0*	20*
*	0=49	CAPCTY	0.2*	9.4*	1.2*	10.6*	0.0*	0.0*	0.0*
*	*ENERGY	1.0*	20.9*	2.1*	23.0*	0.0*	0.0*	0.0*	20.9*
*	NUMBER	3*	22*	10*	32*	0*	0*	0*	22*
*	50=99	CAPCTY	2.2*	29.0*	15.4*	42.5*	0.0*	0.0*	0.0*
*	*ENERGY	10.3*	83.1*	33.1*	116*	0.0*	0.0*	0.0*	83.1*
*	NUMBER	34*	30*	12*	42*	0*	0*	0*	34*
*	>100	CAPCTY	49.4*	93.6*	66.0*	160*	0.0*	0.0*	0.0*
*	*ENERGY	243*	255*	105*	440*	0.0*	0.0*	0.0*	243*
*	NUMBER	38*	79*	24*	103*	0*	3*	7*	38*
*	TOTAL	CAPCTY	51.9*	135*	80.7*	216*	0.0*	66.3*	81.6*
*	*ENERGY	254*	364*	220*	584*	0.0*	143*	156*	290*

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
 COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
 COLUMN 3 = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
 COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
 COLUMN 5 = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-MDHU)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	PLATITUDE	DRAINAGE	ANNUAL SPWEN	NET HEIGHTS	STORAGE	CAPACITY	ENERGY
	NUMBER	CR RIVER	PURP#	DINER	LONGITUDE	AREA	HEAD	DAH	(1000)	(KWH)
	(1)	(2)			(DM')	(SQ MI)	INFLOW	(FT)	(AC FT)	(3)
COUNTY NAME: BEAVER										
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE 3F										
ROCKY FORD										
*UT00259*BEAVER RIVER										
SPK0787										
BEAVER NO 2 POKE										
*UT0031*BEAVER RIVER										
SPK0788										
COUNTY NAME: BOX ELDER										
BLUE CREEK										
*UT0004*BLUE CREEK										
SPK0789										
BOX ELDER CREEK										
*UT0050*BOX ELDER CREEK										
SPK0790										
CUTLER										
*UT0079*BEAR RIVER										
SPK0791										
MANTUA										
*UT0196*ROCK CREEK SPRING										
SPK0792										
SOUTH JUNCTION										
*UT00285*SOUTH JUNCTION CR										
SPK0793										
BRIGHAM POWERHOUSE										
*UT0052*BOX ELDER CREEK										
SPK0794										
BEAVER NARROWS										
*UT0059*LOGAN RIVER										
SPK0795										

LEGEND

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- (2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=CAFOOD CONTROL, N=Navigational, S=SAFETY SUPPLY, R=RECREATION
- (3) = DEBOTTLED CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

(07/10/79)

	IDENT	NAME OF STREAM	PRINCIPAL RIVER	STATEMENT	AVAILABILITY	NET WEIGHT	MAXIMUM CAPACITY	ENERGY
PROJECT NAME	NUMBER	NAME	NUMBER	SLANTITUDE	URANIUM AREA	OF STOCKAGE	CAPACITY	ENERGY
(1)	(2)			(DH.M.)	(SG MI.)	(1000 CFS)	(MH)	(GWH)
						(FT)	(AC FT)	(3)
COUNTY NAME 1 CASH							(3)	
BLACKSMITH FORK *UTU0060*BLACKSMITH FORK	*SPK0796*	*41 36.0 *	*286.0*	*120. *	*96. *	*130. *	*15. *	*0. *
(HARDWARE RANCH) *		*111 34.0 *						
PORCUPINE	*UT0025*EAST FK LITTLE BR	*PORCUPINE REN	*41 31.2 *	*57.0*	*38. *	*123. *	*13. *	*0. *
	*SPK0797*EAR RIVER	* CO	*111 44.4 *					
UPPER LOGAN CITY	UT0030*LOGAN RIVER	*LOGAN CITY CR	*41 45.0 *	*214.0*	*120. *	*99. *	*15. *	*0. *
	SPK0798	* CORP	*111 42.2 *					
LOGAN AGRICULTURAL	UT0061*LOGAN RIVER	*UTAH STATE AT	*41 44.4 *	*220.0*	*247. *	*99. *	*0. *	*0. *
E POWERHOUSE	*SPKU799*	*IGN COLLEGE	*111 47.4 *					
HYRUM RESERVOIR	*UT10123*LITTLE BEAR RIVE*ICHOU*DOI USBR	*41 37.5 *	*217.0*	*91. *	*82. *	*82. *	*19. *	*40E 20.0
	SPK0800	*111 52.5 *						
NEWTON RESERV	*UT10129*CLARKSTON CREEK	*DOI USBR	*41 54.0 *	*58.0*	*9. *	*46. *	*57. *	*6. *
	SPK0801	*111 59.0 *						
COUNTY NAME 2 CANNON								
MCDONALD AND MAYER	UT0001*WILLOW CREEK	*39 46.0 *	*62.0*	*8. *	*40. *	*54. *	*2. *	*0. *
EROS DAMS	*SPK0802*	*110 46.0 *						
WHITE R TO GRAY	UTU0032*GREEN RIVER	*39 44.5 *	*39500.0*	*6215. *	*52. *	*0. *	*0. *	*0. *
CANYON RESERVOIR	*SPK0803*	*109 56.5 *						
SCOFIELD	*UT10133*PRICE RIVER	*ICHU *DOI	*39 47.2 *	*163.0*	*79. *	*50. *	*112. *	*0. *
	SPK0804	*111 7.5 *						
COUNTY NAME 3 DABOLT								
HICKERSON PARK	UTU0002*SHHEEP CREEK	*40 53.0 *	*43.0*	*35. *	*71. *	*96. *	*9. *	*0. *
	SPK0805	*109 53.0 *						

LEGEND

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- (2) = PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION,
- (2) = ODEBRIS CONTROL, PEFARM POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY NAME INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

(07/10/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	PLATITUDE	DRAINAGE AREA	ANNUAL POWER	NET WEIGHT	MAXIMUM CAPACITY	ENERGY
COUNTY NAME	DAIGETT	CH RIVER	UNKN	(SQ MI)	(AC FT)	(MWH)	(MM)	(MM)	(GWH)
FLAMING GORGE 10UT0031*GREEN RIVER	SPK0606*			40 54.0	15100.0*	2314.0	32.0	0.0	0.0
BACKWATER ECHO	SPK0606*			109 24.0				0.0	32.25E 49.3
FLAMING GORGE REA#1012*GREEN RIVER	SPK0607*			40 54.4	15150.0*	2072.0	435.0	4003.0E	108.00E 600.0
SERVOIR	SPK0607*			109 25.2				0.0	0.0
COUNTY NAME DUCHESENE								0.0	0.0
UINTA RESERVOIR	UTU0029*UINTA RIVER	*	*	40 35.5	160.0*	165.0	1300.0	0.0	0.0
	SPK0609	*	*	110 6.8				0.0	0.0
UPPER ROCK CREEK	UTU0040*ROCK CREEK	*	*	40 35.0	98.0*	147.0	780.0	0.0	0.0
	SPK0610	*	*	110 42.5				0.0	0.0
LOWER ROCK CREEK	UTU0041*ROCK CREEK	*	*	40 32.0	131.0*	154.0	710.0	0.0	0.0
	SPK0611	*	*	110 38.0				0.0	0.0
YELLOWSTONE	UTU0044*YELLOWSTONE CREEK	*	*	40 34.5	110.0*	109.0	1500.0	0.0	0.0
	SPK0614	*	*	110 19.5				0.0	0.0
BIG SAND WASH SERVOIR	UTU0037*BIG SAND WASH	*	*	MOON LAKE 40 17.6	20.0*	6.0	72.0	45.0	57.53E 107.0
	*TER USERS AS#110	13.8	*						
RED CREEK	UTU0045*RED CREEK	*	*	RED CREEK IR# 40 18.2	39.0*	10.0	82.0	97.0	0.0E 0.0
	SPK0616	*	*	110 50.9					1.00E 1.07
YELLOWSTONE POWER DIVERSION	UTU0030*YELLOWSTONE CREEK	*	*	MOON LAKE EL# 40 34.5	131.0*	141.0	250.0	10.0	90DE 6.5
	SPK0617	*	*	110 19.6					3.71E 13.6
TWIN POTS (FAHN) NORTHWEST FK LF LAKE	UTU0030*WEST FK LF LAKE	*	*	MOON LAKE WAS 40 30.4	126.0*	146.0	26.0	33.0	4.9E 0.0
NORTH RESERVoir	SPK0618*	*	*	109 25.5					0.99E 2.7
UINTAH POWERPLANT	AUTOBU74*APPLE CREEK	*	*	MOON LAKE EL# 40 31.9	181.0*	209.0	450.0	0.0	1.20E 7.5
	SPK0619	*	*	REC ASSN INC #110 3.9					24.65E 55.7

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- (P) = PEFARM PUND, O=OBTAIN
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY
- (3) = TOTAL POTENTIAL CAPACITY AND ENERGY
- (3) = FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

(07/10/79)

PROJECT NAME	IDENT	NAME OF STREAM	PMCS	LATITUDE	LONGITUDE	ANNUAL APWER	OF	STORAGE	CAPACITY	ENERGY
	*	*	*	DEGREES	MINUTES	MI	*	DAM	(MWH)	(GWH)
	*	*	*	(D.M.)	(S.G. MI)	(CFS)	*	HEAD	*	*
COUNTY NAME: DUCHESNE										
FEHC POWER SUPPLY AREA 41										
FEHC REGIONAL OFFICE CODE SF										
MOON LAKE	UT10126	WEST FORK OF LAKICHE ADDI	USBR	40 53.7	110.0	120.0	0	92.0	51.0E	0.0E
	*SPK0220	E FORK RIVER		110 29.4					EN	2.13EN 0.1
STARVATION RESER	UT10136	STRAWBERRY RIVER/RK	*DOI	40 10.8	1045.0	127.0	0	156.0	180.0E	0.0E
VOUR	*SPK0211			110 26.0					EN	3.67EN 12.0
COUNTY NAME: EMERY										
GRAY CANYON DAM	UT0033	GREEN RIVER		38 59.0	0.0	39100.0	0	105.0	0.0E	0.0
SITE TO GREEN RIVER	*SPK0222			110 9.0					EN	196.17AT 443.6
GREEN RVR TO BAC	UT0035	GREEN RIVER		38 36.5	0.0	40600.0	0	85.0	0.0E	0.0
WATER JUNCTION	*SPK0244			110 1.5					EN	164.90AT 372.9
COTTONWOOD RESER	UT0037	COTTONWOOD CREEK/H		39 15.5	0.0	86.0	0	97.0	780.0	0.0E
VOUR	*SPK0255			111 6.5					EN	0.0E
ELECTRIC LAKE	UT00100	HUNTINGTON CREEK/H		39 37.2	0.0	130.0	0	67.0	165.0	0.0E
	*SPK0274	*LIGHT CC		111 13.1					EN	34.0E
MILLSITE	UT00212	FERRON CR IR		39 5.0	0.0	136.0	0	66.0	45.0	0.0E
	*SPK0288	*MC CO		111 11.1					EN	11.09AT 22.6
BUCKHORN RESERVOIR	UT10147	TR-SAN RAFAEL RIV	*DOI	39 14.5	31.0	35.0	0	22.0	5.0E	0.0E
HUNTINGTON NORTH	UT10122	HUNTINGTON CREEK/R	*DOI	39 21.1	190.0	97.0	0	59.0	6.0E	0.0E
RESERVOIR	*SPK0230	*OFFSTREAMS		110 57.2					EN	1.50EN 3.1
JOES VALLEY RESER	UT10123	SEELY CREEK	*ICRD	39 17.3	135.0	90.0	0	145.0	72.0E	0.0E
HYDRO	*SPK0311			111 16.2					EN	2.74EN 5.3

LEGEND

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- (2) = DEBRIS CONTROL, PAFARM POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY
- (3) = INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = TOTLAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
IN THE STATE OF UTAH

(07/10/79)

PROJECT NAME	NAME OF STREAM	PROJ#	UNITS	DRIFTAGE AREA	ANNUAL POWER (MWH)	MAXIMUM CAPACITY (MWH)	ENERGY (GWH)
COUNTY NAME	COUNTY NAME1 GROUPED			HEAD (FT) * (CFS) *	DAM # (FT) *	AC FT) *	(3) *
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF							
ESCALANTE RESERVOIR	UTU0003*ESCALANTE RIVER	"	"	37 47.0 *	310.0*	17.0 *	23.0*
OIR	SPK032*	"	"	111 34.0 *	"	109.0 *	147.0 *
PINE CREEK (HAWAIIUDOG)ESCALANTE RIVER	"	"	"	37 49.0 *	94.0*	5.0 *	113.0 *
)	SPK033*	"	"	111 36.0 *	"	64.0 *	114.0 *
PANGUITCH LAKE	UTU0238*BUNKER BLUE CLEARI R	"	"	37 44.5 *	47.0*	24.0 *	25.0 *
	SPK034*IPSON CREEK	"	"	AC IRR + RES+112 37.5 *	"	21.0 *	19.0*
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF							
COUNTY NAME: GRAND							
MILL CREEK BELOWUTU0005*MILL CREEK	"	"	"	38 33.0 *	75.0*	14.0 *	152.0 *
FORKS RESERVOIR	SPK035*	"	"	109 28.0 *	"	206.0 *	10.0*
GRAY CANYON	UTU0032*GREEN RIVER	"	"	39 13.5 *	39100.0*	6152.0 *	470.0 *
MOAB RESERVOIR	UTU0047*COLORADO RIVER	"	"	110 3.5 *	"	38555.0 *	0.0 *
DEWEY RESERVOIR	UTU0046*COLORADO RIVER	"	"	109 34.0 *	"	38 48.0 *	24100.0*
	SPK037*	"	"	109 19.0 *	"	7655.0 *	325.0 *
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF							
COUNTY NAME: IRON							
NEWCASTLE (PINTO)UTU0227*PINT CREEK	"	"	"	37 38.0 *	62.0*	11.0 *	54.0 *
CREEK)	SPK039*	"	"	113 31.1 *	"	73.0 *	5.0*
CENTER CREEK (PAINTOBOT CENTER CREEK	"	"	"	PARCHMAN CITY 37 50.5 *	"	490.0 *	0.0 *
ROWAN) POWERHOUSE	SPK040*	"	"	CORP 112 50.0 *	"	0.0 *	0.0 *

L E G E N D

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- (2) = OTHER
- (3) = INSTALLED CAPACITY AND ENERGY, NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

(07/10/79)

PROJECT NAME	* IDENT	* NAME OF STREAM	* LATITUDE	* AVERAGE * NET HEIGHTS	MAXIMUM	* OF *	STORAGE	CAPACITY	ENERGY
	* NUMBER	* CR RIVER	* PURP.	OWNER	AREA	* INFLU	* HEAD	DAM	(MM) * (MH)
	(1)	(2)	*	*	(SU MI)	(CFS)	(FT)	(AC FT)	(3) * (3)
COUNTY NAME: JUAB									
MONA RESERVOIR	*UT00215	CURRENT CREEK	*I	*CURRENT CREEK	39 52.7	303.0*	22.0*	20.0*	27.0*
	SPK0641	*I	*I	*I	#111 51.2	*	*	*	*
SEVIER BRIDGE	*UT00272	SEVIER RIVER	*I	*DELTA LAND	39 22.3	5120.0*	226.0*	65.0*	236.0*
	SPK0642	*I			*WATER ETAL	#112 1.9	*	*	*
COUNTY NAME: MILLARD									
D M A D	*UT00080	SEVIER RIVER	*I	*CD M A D CO	39 24.0	6270.0*	167.0*	25.0*	29.0*
	SPK0643	*I			#112 26.9	*	*	*	*
FOOL CREEK NO 1	*UT00114	FOOL CREEK	*I	*CENTRAL UTAH	39 27.1	30.0*	16.0*	17.0*	20.0*
	SPK0644	*I			*WATER CO	#112 21.1	*	*	*
FOOL CREEK NO 2	*UT00115	FOOL CREEK	*I	*CENTRAL UTAH	39 27.1	30.0*	16.0*	13.0*	15.0*
	SPK0645	*I			*WATER CO	#112 22.2	*	*	*
LAKE CREEK	*UT00168	LAKE CREEK	*I	*LAKE CREEK R	38 53.9	1150.0*	86.0*	26.0*	30.0*
	SPK0646	*I			*ES CO	#114 1.1	*	*	*
SCPIO LAKE	*UT00269	GROUNDS VALLEY CREEK	*I	*SCPIO IRR	39 7.5	65.0*	34.0*	14.0*	16.0*
	SPK0647	*I			*O	#112 3.2	*	*	*
COUNTY NAME: MORAN									
DRY CREEK RESERVOIR	*UT00080	DRY CREEK RIVER	*I	*DRY CREEK	41 0.0	1610.0*	552.0*	106.0*	144.0*
	SPK0648	*I			#111 46.0	*	*	*	*
HARD SCRABBLE	*UT00077	HARD SCRABBLE CREEK	*I	*HARD SCRABBLE	40 56.0	24.0*	22.0*	127.0*	172.0*
	SPK0649	*I			#111 44.0	*	*	*	*
INTERMEDIATE LOST CREEK	*UT00099	LOST CREEK	*I	*INTERMEDIATE	41 14.0	69.0*	52.0*	80.0*	108.0*
	SPK0650	*I			#111 21.0	*	*	*	*

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- (3) = DEBRIS CONTROL, PEEFARM POND, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = UNINSTALLED CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

(07/10/79)

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	LATITUDE	LONGITUDE	ANNUAL POWER	OF *	STORAGE	CAPACITY	ENERGY
GATEWAY POWERHOLD	ASPK051*	WEBEK RIVER	SH	41.63	-116.00	552,*	148,*	0,*	0,*	4,284E 15.4
SE		KWEN CUNS DIS	111	51.1						19,044N 40.1
EAST CANYON RESER	UT1019*	EAST CANYON CREEK	SUJI USBR	40.55	-112.00	53,*	156,*	195,*	56,*	0,*
RVDR	ASPK052*		USBR	36.0						0,*
LOST CREEK RESER	UT1025*	LOST CREEK	ISRR001 USBR	41.11	-112.00	24,*	134,*	161,*	27,*	0,*
VOR	ASPK053*		USBR	24.0						0,*
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF										
COUNTY NAME: MORGAN										
PIUTE										
OTTER CREEK	UT0235*	OTTER CREEK	TI	36.10	-102,*	330.0*	12,*	26,*	35,*	63.3E 0,*
	ASPK054*	RES CU	112	1.2						0,*
SEVIER RIVER	UT0249*	PLUTE KES	I	38.19	-104,*	2400.0*	212,*	53,*	62,*	74.4E 0,*
	ASPK055*	IRK CU	112	11.2						0,*
UPPER HEAVER RIVER	UT0263*	UTAH PHK + L	36.16	0.5		60.0*	50,*	1100,*	0,*	0,*
ERPLANT	SPK056*	NIGHT CC	112	28.5						0,*
BEAVER NO 1 POWERHOUSE	UT0264*	BEAVER CITY	38.16	0.2		80.0*	50,*	364,*	0,*	0,*
RHOUSE	ASPK057*	CLIMP	112	33.5						0,*
PARAGONAH	UT0265*	UTAH PHK + L	0.0	0.0		60.0*	50,*	735,*	0,*	0,*
	ASPK058*	NIGHT CC	=0.0	0.0						0,*
FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF										
COUNTY NAME: RICH										
WIRCH CREEK	UT0241*	BIRCH CREEK	I	41.30	-02,*	17.0*	8,*	77,*	91,*	2.4E 0,*
	ASPK059*	CU	111	19.5						0,*
NEPONSET	UT0255*	KUESEKET LIVEN	41	17.9		14.0*	9,*	16,*	19,*	6.4E 0,*
	ASPK060*	STUCK C	111	6.7						0.054N 0,*

D
2
W
9
W
1

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 (2) = PROJECT PURPOSE: IMMIGRATION, HYDROELECTRIC, NAVIGATION, SEAWATER SUPPLY, REREGULATION,
 (2) = DEDESIGN CONTROL, PEFARM POND DEDMEN
 (3) = E=INSTALLED CAPACITY AND ENERGY
 (3) = NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) = U=INSTALLED CAPACITY AND ENERGY
 (3) = T=TOTAL POTENTIAL CAPACITY AND ENERGY
 (3) = (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
IN THE STATE OF UTAH

(07/10/79)

PROJECT NAME	IDENT	NAME OF STREAM	PROJ#	PLATITUDE	DRAINAGE	ANNUAL POWER	OF	STORAGE	CAPACITY	ENERGY
		CR RIVER	PURP#	OWNER	AREA	HEAD	M	DAW	(MW)	(GWH)
(1)	*	(2)	*	(3)	(4)	(50 MI)	(FT)	(AC FT)	(3)	(3)
***** COUNTY NAME: RICH *****										
WOODRUFF CREEK	*UT0032*	WOODRUFF CREEK	*I	*KUDUMUFF CREE	41 28.1	50.0*	33.1	83.1	101.1	5.1E
	SPK061			*EK IRK CO	*111 19.2	*	*	*	*	0.1E
***** COUNTY NAME: SALT LAKE *****										
BELL CANYON	*UT0031*	BELL CANYON	*I	*BELL CANYON	40 33.6	5.0*	5.0	48.1	57.1	0.1E
	SPK062			*MIR CU	*111 47.0	*	*	*	*	0.1E
BINGHAM CREEK	*UT0039*	BINGHAM CREEK	*I	*KENNECOTT CO*	40 33.9	16.0*	15.1	62.1	73.1	2.1E
	SPK063			*OPEN DMP	*112 5.1	*	*	*	*	0.1E
MOUNTAIN DELL	*UT0021*	MARLEYS CREEK	*I	*SALT LAKE CIT	40 45.2	50.0*	26.1	119.1	140.1	3.1E
	SPK064			*TY CCRP	*111 43.9	*	*	*	*	0.1E
GRANITE POWERHOUSE	*UT0605*	LITTLE COTTONWOOD	*I	*UTAH POWER	40 34.5	42.0*	44.1	470.1	0.1E	1.50E
SE	*SPK065*	CREEK		*ND LIGHT CO	*111 46.2	*	*	*	*	6.0
HYDRO (MURRAY) POWERPLANT	*UT0606*	LITTLE COTTONWOOD	*I	*CITY OF MURRA	40 35.1	42.0*	44.1	565.1	0.1E	1.00E
E	*SPK066*	CREEK		*AY	*111 50.5	*	*	*	*	4.7
STAIRS POWERHOUSE	*UT0607*	BIG COTTONWOOD CREEK	*I	*UTAH POWER	40 37.4	40.0*	42.1	370.1	0.1E	1.00E
	SPK067			*ND LIGHT CO	*111 45.1	*	*	*	*	5.0
***** COUNTY NAME: SAN JUAN *****										
UPPER MILL CREEK	*UT0008*	MILL CREEK	*H	*38 29.0	*	28.0*	5.1	78.1	106.1	1.1E
	SPK068			*109 24.0	*	*	*	*	*	0.1E
LAKE POWELL TO UTE	*UT0050*	COLORADO RIVER	*H	*38 4.0	*	67734.0*	0.1	249.1	0.1	0.1E
PPER MOAB	*SPK069*			*110 3.0	*	*	*	*	*	0.1E
GOOSENECKS	*UT0052*	SAN JUAN RIVER	*H	*37 9.0	*	23200.0*	0.1	177.1	0.1	0.1E
	SPK071			*109 56.0	*	*	*	*	*	0.1E

LEGEND

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE 10. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
- (2) = PROJECT PURPOSE: I=MIGRATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
- (2) = DEBRIS CONTROL, P=PARK, O=OTHER
- (3) = E=INSTALLED CAPACITY AND ENERGY N=NENR INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

(07/10/79)

	IDENT	NAME OF STREAM	PROJ#	PLATITUDE	DRAINAGE	ANNUAL POWER	NET HEIGHT	MAXIMUM	STORAGE CAPACITY	ENERGY
PROJECT NAME	*	CR RIVER	PURP#	OWNER	LONGITUDE	INFLUX	OF	DAW	(GWH)	(GWH)
#	(1)	"	"	"	"	"	"	"	"	"
#	(2)	"	"	"	"	"	"	"	"	"
COUNTY NAME	SAN JUAN				(DM, M)	(SQ MI)	(CF9)	(FT)	(AC FT)	(3)
					"	"	"	"	"	"
BLUFF (CHINLE)	UTU0054*SAN JUAN RIVER	H	"	37 11.5	22900.0*	25860.0*	0.0*	7000.0*	0.	0.
	SPR0873			109 44.0	"	"		"		
COUNTY NAME	SAN JUAN									
GUNNISON	UT00130*SAN PITCH RIVER	H	GUNNISON IRR	39 12.6	672.0*	48.0*	33.0*	18.0*	0.	0.
	SPR0874		CD	111 42.5	"	"		"		
GUNNISON REND	UTU0131*SCEVIER RIVER	H	DESERET IRR	39 20.7	6270.0*	187.0*	21.0*	10.0*	0.	0.
	SPR0875		ACO	1112 37.5	"	"		"		
HIGHLAND (NIKE HAUT0013)NINE MILE CREEK	H	HIGHLAND CANN	39 10.4	9.0*	10.0*	26.0*	31.0*	4.0*	0.	0.
ILE RESERVOIR	*SPR0876*	H	HAL CU	111 43.1	"	"		"		
HUNTINGTON	UTU0144*SPRING CREEK	H	HUNTINGTON-C	39 35.1	5.0*	6.0*	30.0*	37.0*	3.0*	0.
	SPR0877		ELEVLAND IRR	111 15.7	"	"		"		
MILLER FLAT	UT00210*TILLER FLAT CREEK	H	MUNTINTON-C	39 32.4	9.0*	10.0*	60.0*	70.0*	6.0*	0.
	SPR0878		ELEVLAND IRR	111 14.5	"	"		"		
EPHRAIM NO 1 PQH	UT0054*EPHRAIM CREEK	H	CITY OF EPHRAIM	39 20.5	5.2*	6.0*	1370.0*	0.0*	0.0*	0.
ERHOUSE	*SPR0879*	H	RAIM	111 32.7	"	"		"		
EPHRAIM NO 2 POWUT0055*EPHRAIM CREEK	H	CITY OF EPHRAIM	39 20.2	1.0*	2.0*	1160.0	0.0*	0.0*	0.	0.
ERHOUSE	*SPR0880*	H	RAIM	111 31.5	"	"		"		
LOWER MOUNT PLEASANT	UT0062*PLEASANT CREEK	H	HKT PLEASANT	39 32.4	0.5*	7.0*	315.0*	0.0*	0.0*	0.
SANT POWERHOUSE	*SPR0881*	H	ACTY CORP	111 22.5	"	"		"		
LOWER FAIRVIEW	PAUD0064*COTTONWOOD CREEK	H	FAIRVIEW CITY	39 36.2	12.0*	14.0*	390.0	0.0*	0.0*	0.
OMERHOUSE	*SPR0882*	H	Y CAMP	111 25.3	"	"		"		
MANTI POWERHOUSE	UT0066*MANTI CREEK	H	MANTI CITY L	39 15.4	27.0*	31.0*	566.0	0.0*	0.0*	0.
	SPR0883		IGHT AND POW111	36.6	"	"		"		

LEGEND

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, OTHER
- (3) = INSTALLED CAPACITY AND ENERGY
- (4) = UNINSTALLED CAPACITY AND ENERGY
- (5) = TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

(07/10/79)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

PROJECT NAME	IDENT	NAME OF STREAM	OF	NET WEIGHT	MAXIMUM	ENERGY
PROJECT NAME	NUMBER	IN RIVER	WATER	DRAINAGE AREA	ANNUAL POWER	CAPACITY
UPPER MOUNT PLEASANT POWERHOUSE	(1)	MOUNTAIN SPRINGS	PROJ A	15.4	27.0*	31.4*
UPPER MOUNT PLEASANT CREEK	(2)	MOUNTAIN SPRINGS	PROJ B	37.5	0*	0*
SANT POWERSITE	(1)	MOUNT PLEASANT CREEK	PROJ C	32.0	1.0*	2.0*
SANT POWERSITE	(2)	MOUNT PLEASANT CREEK	PROJ D	21.6	0*	0*
FOUNTAIN GREEN POWERHOUSE	(1)	MOUNTAIN SPRINGS	PROJ E	38.5	1.0*	2.0*
FOUNTAIN GREEN POWERHOUSE	(2)	MOUNTAIN SPRINGS	PROJ F	40.0	1.0*	2.0*
COUNTY NAME: SANPETE						
MOUNTAIN SPRINGS	AUTO067	MOUNTAIN CREEK	ACU	15.4	2616.0	0.0*
MOUNTAIN SPRINGS	SPK084A	MOUNTAIN CREEK	ACU	37.5	0*	0*
UPPER MOUNT PLEASANT	AUTO075	MOUNTAIN CREEK	ACU	32.0	415.0	0.0*
UPPER MOUNT PLEASANT	SPK085A	MOUNTAIN CREEK	ACU	21.6	0*	0*
FOUNTAIN GREEN	AUTO076	BIG SPRINGS	ACU	38.5	0*	0*
FOUNTAIN GREEN	SPK086A	BIG SPRINGS	ACU	40.0	0*	0*
COUNTY NAME: SEVIER						
MOUNTAIN SPRINGS	AUTO017	EAST FORK OF FREIGHT RIVER	ACU	51.0	76.0*	37.0*
MOUNTAIN SPRINGS	SPK064A	EAST FORK OF FREIGHT RIVER	ACU	31.9	0*	0*
JOHNSON	AUTO153	SEVEN MILE CREEK	ACU	36.5	25.0*	15.0*
JOHNSON	SPK086B	SEVEN MILE CREEK	ACU	38.0	0*	0*
THREE CREEKS RES	AUTO229B	THREE CREEKS	ACU	37.7	23.0*	31.0*
THREE CREEKS RES	SPK089A	THREE CREEKS	ACU	25.3	0*	0*
LOWER MONROE POWERHOUSE	AUTO062	MONROE CREEK	ACU	36.0	10.0*	7.1*
LOWER MONROE POWERHOUSE	SPK0890	MONROE CREEK	ACU	7.0	0*	0*
UPPER MONROE POWERHOUSE	AUTO083	MONROE CREEK	ACU	36.5	39.0*	24.0*
UPPER MONROE POWERHOUSE	SPK0891	MONROE CREEK	ACU	6.0	0*	0*
COUNTY NAME: SUMMIT						
JEREMY POINT	AUTO010	EAST CANYON CREEK	ACU	48.0	208.0*	264.0*
JEREMY POINT	SPK0892	EAST CANYON CREEK	ACU	35.0	0*	0*
LOWER LARABEE FLUME	AUTO011	LARABEE RIVER	ACU	48.0	75.0*	102.0*
LOWER LARABEE FLUME	SPK0893	LARABEE RIVER	ACU	5.0	0*	0*
ATS						

LEGEND

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- (2) = PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CLOUD CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION, DEBRIS COUNTER, PERMAM POND, OBTAIN
- (3) = INSTALLED CAPACITY AND ENERGY NAME INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) = INSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

**PRELIMINARY ESTIMATES
OF POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH**

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

(07/10/79)

PROJECT NAME	IDENT #	NAME OF STREAM	PROJ#	OWNER	LATITUDE	LONGITUDE	ANNUAL SPIDER	OF * STORAGE	MAXIMUM	ENERGY
	NUMBER	CR RIVER	(2)				INFLUX AREA	HEAD	(MM)	(GWH)
COUNTY NAME		UTAH					(SQ MI)	(FT)	(AC FT)	(3)
OAKS PARK RESERVA	00234*	IG BRUSH CREEK	SI W	RASHLEY VALLE	40 45.0	W 12.00	9.	41.0	49.0	0.0
DIR				BY HES CO	*109 37.1		9.	9.	9.	0.0
STEINAKER RESERVE	01011*	A SHLEY CREEK	OFF ICSR	UDI	UGBK	40 30.0	20.00	16.0	110.0	132.0
DIR										0.0
COUNTY NAME	UTAH									0.0
ALTA TUNNEL PUM	01001*	LITTLE COTTONTAIL			40 54.0	U 27.00	25.0	650.0	0.0	0.0
RHOUSE		SPK0907AD CREEK			*111 42.5		9.	9.	9.	0.0
TIBBLE FORK	010029*	NORTH FORK OF AMEC			UT CO MATE	40 28.9	35.00	32.0	40.0	47.0
		SPK0911ERICN FCRK			REN CO DIST	111 36.7				
AMERICAN FORK	010030*	AMERICAN FORK			AUTAH POWER	40 21.9	52.00	55.0	574.0	0.0
		SPK0912*			END LIGHT	*111 42.0				
BARTHOLDIEN POW	010051*	HUBLEE CREEK			SPRINGVILLE	40 9.5	98.00	43.0	890.0	0.0
RHOUSE		SPK0913*			MUN CORP	*111 31.5				
LOWER STRAWBERRY	010605*	SPANISH FORK CREE			STRAWBERRY	40 4.8	0.	175.0	48.0	0.0
POWERHOUSE		SPK0914EK			TR USERS ASS	*111 36.2				
OLMSTED POWERHO	010606*	PROV RIVER			AUTAH PCWER AR	40 18.7	640.00	63.0	340.0	0.0
SE		SPK0915*			END LIGHT CD	*111 39.4				
PAYSON POWERHO	010806*	PETEETNEET CREEK			STRAWBERRY	40 0.8	26.00	24.0	636.0	0.0
E		SPK0916*			TR USERS ASS	*111 42.5				
UPPER STRAWBERRY	010807*	SPANISH FORK			STRAWBERRY	40 0.0	0.	175.0	123.0	0.0
PH		SPK0917*			TR USERS ASS	*0 0.0				

LEGEND

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- (2) = PROJECT PURPOSE: IRRIGATION, HYDROELECTRIC, CTFLOOD CONTROL, NAVIGATION, SEWER SUPPLY, RECREATION,
- (2) DEOERIS CONTROL, PEAFARM POND, OTHER
- (3) = EINSTALLED CAPACITY AND ENERGY NEW INCREMENTAL CAPACITY AND ENERGY
- (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

(07 / 10 / 79)

PROJECT NAME	NUMBER	NAME OF STREAM	PROJ#	OWNER	PUHP#	SLATITUDE	LONGITUDE	ANNUAL POWER	NET AVERAGE POWER	MAXIMUM POWER	SOURCE	CAPACITY (MH)	ENERGY (MH)	
SYAR	AUT0024*STRABERRY RIVER					40.0	111.2	210.0*	31.0*	52.0*	111.2	7.0*	0.0*	0.0*
	SPK0919*REAM					40.0	111.5	215.0*	71.0*	431.0*	111.5	0.0*	0.0*	0.0*
HEBER POWERHOUSE	AUT0805*PROVC RIVER					40.34.1	111.25.5	240.0*	327.0*	120.0*	111.2	0.0*	0.0*	0.0*
	SPK0920*											0.0*	0.0*	0.0*
SNAKE CREEK POWER	AUT08071*SNAKE CREEK	RHOUSE	THEBEN LIT	SPK0921*		40.33.6	111.31.7	66.0*	0.0*	1695.0*	111.3	0.0*	0.0*	0.0*
	SNAKE CREEK POWER	AUT08072*SNAKE CREEK	RHOUSE	COTLDER CREEK	SPK0922*	40.32.7	111.30.2	7.0*	6.0*	752.0*	111.3	0.0*	0.0*	0.0*
DEER CREEK RESER	AUT10117*PROVC RIVER	VORR	KIMCSDDU	SPK0923*	USER	40.24.0	111.32.0	560.0*	377.0*	140.0*	111.3	161.0*	4.95*	26.0
	STRAWBERRY RESER	AUT10135*STRABERRY RIVER	VORR	RESPK0924*		40.6.4	111.6.2	210.0*	51.0*	205.0*	111.6	1127.0*	0.0*	0.0*
COUNTY NAME: WASHINGTON												0.0*	0.0*	0.0*
THURBER RESERVOIR	AUT0016*FREEPORT RIVER	R				38.16.6	111.30.0	700.0*	44.0*	35.0*	111.3	47.0*	0.0*	0.0*
	SPK0925*											0.0*	0.0*	0.0*
TAILRACE OF TCHR	AUT0049*FREEPORT RIVER					38.17.0	111.14.0	688.0*	56.0*	1240.0*	111.1	0.0*	0.0*	0.0*
KEY TO CAPITAL RESPK0926*												0.0*	0.0*	0.0*
MILL MEADOW	AUT03204*FREEMENT RIVER					38.29.7	111.34.3	175.0*	63.0*	77.0*	111.3	5.0*	0.0*	0.0*
	SPK0927*											0.0*	0.0*	0.0*

FERC PDMH SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF

FERC PDMH SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF

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- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.) OFFICE AND SITE ID.
 (2) = PROJECT PURPOSES: IRRIGATION, HYDROELECTRIC, CARGO CONTROL, NAVIGATION, SEAWATER SUPPLY, RECREATION,
 DREDGING CONTROL, PUFFIN POND, OTHER
 (2) = INSTALLED CAPACITY AND ENERGY
 (3) = NENEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) = UNINSTALLED CAPACITY AND ENERGY
 (3) = TOTAL POTENTIAL CAPACITY AND ENERGY
 ***** (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF UTAH

(07/10/79)

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- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
 (2) = PROJECT PURPOSES IMMIGRATION, HYDROELECTRIC, FLOOD CONTROL, NAVIGATION, SANITARY SUPPLY, RECREATION,
 DREDGING CONTROL, PUFFIN BIRD HABITAT, GEOTHERMAL
 (3) = EINSTALLED CAPACITY AND ENERGY NENEN INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAM)
 (3) = UNINSTALLED CAPACITY AND ENERGY TOTAL POTENTIAL CAPACITY (FOR UNDEVELOPED SITES)

APPENDIX II
U.S. ARMY CORPS OF ENGINEERS
NATIONAL HYDROELECTRIC POWER RESOURCES STUDY
PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES
DESCRIPTION OF TERMS

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

ACRE FOOT: (AcFt) A measure of volume. An acre (43,560 square feet) of water, one foot deep (43,560 cubic feet).

AVERAGE ANNUAL INFLOW: The average yearly inflow into a reservoir for the historical period of record, measured in cubic feet per second (cfs).

CAPABILITY: The maximum load which a generator, generating station, or other electrical apparatus can supply under specified conditions for a given period of time, without exceeding approved limits of temperature and stress.

CAPACITY: The load for which a generating unit, generating station, or other electricl apparatus is rated either by the user or manufacturers' nameplate rating. Capacity is sometimes used synonymously with capability.

CONVENTIONAL HYDROELECTRIC POWER PLANT: An electric power plant utilizing falling water from stream flow or reservoir storage as the primary motive force of electrical generation.

DEMAND: The rate at which electric energy is required.

ELECTRIC ENERGY/POWER: That which does or is capable of doing work; measured in terms of the work it is capable of doing; i.e., kilowatt-hours.

EXISTING FACILITIES: A dam or other existing water resource project which has created a hydraulic head suitable for generating hydroelectric power. Such facilities include, but are not limited to:

- Irrigation drop structures and canals.
- Existing dams without any provisions for installing power facilities.
- Existing dams with minimum facilities for installing power in the future; i.e., intakes and penstocks usually have been installed.
- Existing dams with generating facilities and with additional space constructed for adding more generating equipment.
- Existing dams with generating equipment installed; however, a potential exists for additional power generation.

FLOW DURATION CURVE: A plot of stream flows ranked in descending order of magnitude, against time intervals, for a specific period.

FOSSIL FUEL: Refers to coal, oil, and natural gas.

GENERATOR: A machine which transforms mechanical energy from the prime mover (turbines) into electric energy.

GIGAWATT (GW): One million (1,000,000) kilowatts.

GIGAWATT-HOURS (GWH): One million kilowatt-hours.

HEIGHT OF DAM: Distance from streambed at dam centerline to the top of the dam with respect to maximum storage capacity.

HYDROELECTRIC POWER: Electrical energy derived from the energy of falling or flowing water.

INCREMENTAL DEVELOPMENT: The estimated hydroelectric power potential that can be added to an existing facility or water resource project.

INSTALLED CAPACITY: The total of the capacities as shown by the nameplates of the generating units in a station or system.

KILOWATT-HOURS (KWH): The basic unit of electric energy equal to one kilowatt demand over a period of one hour, equal to 3,413 BTU.

LOAD: The amount of electric power delivered at a given point or points in a system.

L/D: An indication that the existing project is a dam with a navigation lock included; lock and dam.

MEGAWATTS (MW): A million watts or 1,000 kilowatts.

MEGAWATT-HOURS (MW): 1,000,000 watt-hours or 1,000 KWH.

NAMEPLATE RATING: The full-load, continuous operation rating of a generator, prime mover or other electrical equipment under specified conditions as designated by the manufacturer.

NET POWER HEAD: The difference between the elevations of the power pool and the tailwater less hydraulic and mechanical losses in the waterways.

NUCLEAR POWER PLANT: An electric generating plant utilizing the heat from a nuclear reactor as the source of power.

PENSTOCK: A conduit used to convey water to the turbine units of a hydroelectric plant.

PLANT FACTOR: The ratio of the average load on the plant for the period of time considered to the aggregate rating of all the generating equipment installed in the plant.

POTENTIAL HYDROELECTRIC POWER: The aggregate capacity capable of being developed by practical use of available stream flow and net power head.

POWER HOUSE: An electric generating station at which is located prime movers, electric generators, and auxiliary equipment for producing electric energy.

PUMPED STORAGE POWER PLANT: A hydropower plant where electric energy is generated for peak load use by utilizing water pumped into a storage reservoir, usually during off-peak hours.

SMALL-SCALE HYDROELECTRIC POWER PLANT: A hydroelectric generating station with less than 15 MW of installed capacity.

THERMAL GENERATING FACILITY: A generating plant which uses heat as the source of energy for the prime mover. Such plants may burn fossil fuels or use nuclear energy to produce the heat.

UNDEVELOPED SITES: No dam or other structure exists at this site to create the hydraulic head needed for generating hydroelectric energy. However, the topography of the site is favorable for developing a hydroelectric power project.

WATER RESOURCE PROJECT: A facility planned and constructed to obtain one or more uses or benefits from water. Purposes or uses may include navigation, flood control, hydroelectric power, land and water recreation, irrigation, water supply and water quality management.

WATT: The rate of energy transfer equivalent to one ampere under a pressure of one volt at unity power factor.

APPENDIX III

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

DIVISION AND DISTRICT REPRESENTATIVES

DIVISION STUDY COORDINATORS

NATIONAL HYDROPOWER STUDY

U.S. Army Engineer Division
Lower Miss. Valley
ATTN: John C. Cole, LMVPD-F
P.O. Box 80
Vicksburg, MS 39180
601-636-1311, X5827

U.S. Army Engineer Division
Missouri River
ATTN: Chris Garvey, MRDPD
P.O. Box 103 Downtown Station
Omaha, NE 68101
402-221-7267

U.S. Army Engineer Division
North Atlantic
ATTN: James Daniels, NADPL
90 Church Street
New York, NY 10007
212-264-7088

U.S. Army Engineer Division
North Central
ATTN: Joseph Raoul, Jr., NCDED-W
536 S. Clark Street
Chicago, IL 60605
312-353-4595

U.S. Army Engineer Division
New England
ATTN: Harmon Guptill, NEDPL-H
424 Trapelo Road
Waltham, MA 02154
617-894-2400, X513

U.S. Army Engineer Division
North Pacific
ATTN: Tom White, NPDPL
P.O. Box 2870
Portland, OR 97208
503-221-2088

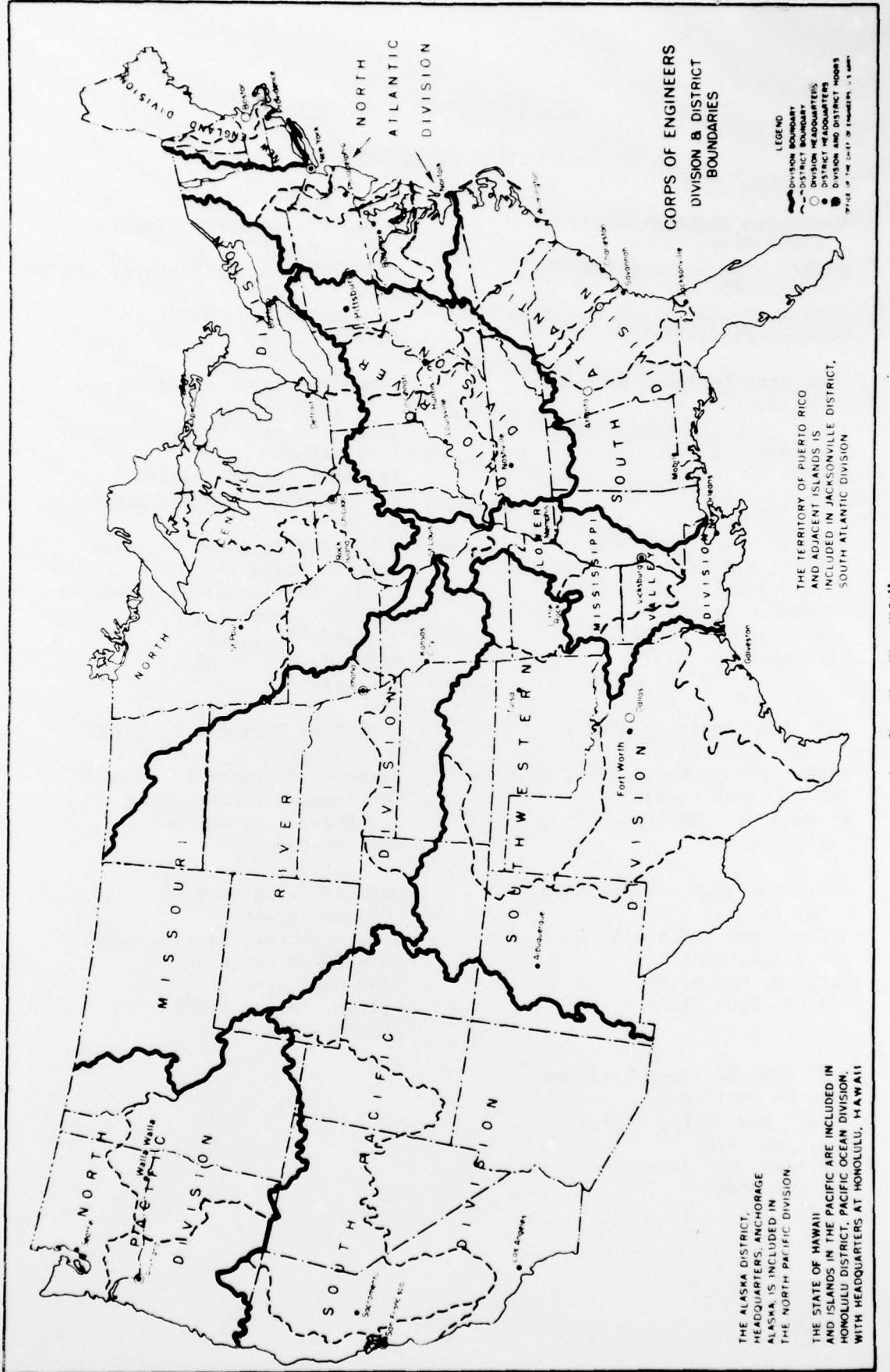
U.S. Army Engineer Division
Ohio River
ATTN: Daniel E. Steiner, ORDPD-F
P.O. Box 1159
Cincinnati, OH 45201
513-684-3043

U.S. Army Engineer Division
Pacific Ocean
ATTN: H. Paul Mizue, PODED-PP
Building 230
Ft. Shafter, HI 96858
808-438-9526 (5 hrs difference)

U.S. Army Engineer Division
South Atlantic
ATTN: Merlin Foreman, SADPD-P
510 Title Building
30 Pryor St., S.W.
Atlanta, GA 30303
404-221-6739

U.S. Army Engineer Division
South Pacific
ATTN: Ted Albrecht, SPDED-M
630 Sansome Street, Room 1216
San Francisco, CA 94111
415-556-5709

U.S. Army Engineer Division
Southwestern
ATTN: Jerrell Sartor, SWDPL-M
Main Tower Building
1200 Main Street
Dallas, Texas 75202
214-767-2310



DISTRICT REPRESENTATIVES

NATIONAL HYDROPOWER STUDY

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Vicksburg, MS 39180
601-636-6744

U.S. Army Engineer District
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668 Clifford Davis
Federal Building
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U.S. Army Engineer District
New Orleans
ATTN: Hydro Study Rep
P.O. Box 60267
New Orleans, LA 70160
504-865-1121, x220

U.S. Army Engineer District
St. Louis
ATTN: Hydro Study Rep
210 North 12th Street
St. Louis, MO 63101
314-268-3385

U.S. Army Engineer District
Kansas City
ATTN: Hydro Study Rep
700 Federal Building
Kansas City, MO 64106
816-374-3062

U.S. Army Engineer District
Omaha
ATTN: Hydro Study Rep
6014 USPO & Courthouse
215 North 17th Street
Omaha, NE 68102
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U.S. Army Engineer District
Baltimore
ATTN: Hydro Study Rep
P.O. Box 1715
Baltimore, MD 21203
301-962-4713

U.S. Army Engineer District
New York
ATTN: Hydro Study Rep
26 Federal Plaza
New York, NY 10007
214-264-3567

U.S. Army Engineer District
Norfolk
ATTN: Hydro Study Rep
803 Front Street
Norfolk, VA 23510
804-446-3772

U.S. Army Engineer District
Philadelphia
ATT: Hydro Study Rep
U.S. Custom House
2nd & Chestnut Street
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215-597-4839

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Rock Island, IL 61201
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